

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007388.D
 Acq On : 04 Feb 2022 12:21
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

Quant Time: Feb 06 23:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	144982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81149	48.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.320%		
35) Dibromofluoromethane	7.716	113	76686	49.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.760%		
50) Toluene-d8	10.179	98	286057	50.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.720%		
62) 4-Bromofluorobenzene	12.477	95	97843	50.676	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	36411	21.450	ug/l	99
3) Chloromethane	2.107	50	38109	18.354	ug/l	96
4) Vinyl Chloride	2.247	62	39358	19.663	ug/l	99
5) Bromomethane	2.644	94	26442	21.809	ug/l	95
6) Chloroethane	2.790	64	23723	19.298	ug/l	99
7) Trichlorofluoromethane	3.125	101	65660	20.242	ug/l	92
8) Diethyl Ether	3.528	74	19385	20.133	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	36544	20.004	ug/l	92
10) Methyl Iodide	4.088	142	38729	19.666	ug/l	95
11) Tert butyl alcohol	4.954	59	24228	96.993	ug/l	97
12) 1,1-Dichloroethene	3.869	96	33956	20.122	ug/l	89
13) Acrolein	3.723	56	21530	96.105	ug/l	97
14) Allyl chloride	4.472	41	51037	19.691	ug/l #	94
15) Acrylonitrile	5.161	53	46671	103.173	ug/l	99
16) Acetone	3.948	43	47210	87.166	ug/l	93
17) Carbon Disulfide	4.192	76	105077	19.835	ug/l	100
18) Methyl Acetate	4.472	43	21596	21.289	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	96423	20.282	ug/l	95
20) Methylene Chloride	4.716	84	37844	20.191	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	36456	19.528	ug/l	88
22) Diisopropyl ether	6.112	45	106518	19.614	ug/l	96
23) Vinyl Acetate	6.058	43	353823	99.899	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	64336	19.615	ug/l	97
25) 2-Butanone	6.984	43	63578	97.159	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	60394	19.243	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	40789	19.781	ug/l	90
28) Bromochloromethane	7.332	49	23544	18.358	ug/l	84
29) Tetrahydrofuran	7.344	42	39848	105.382	ug/l #	86
30) Chloroform	7.502	83	67813	19.875	ug/l	97
31) Cyclohexane	7.783	56	63668	19.566	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	62537	19.721	ug/l	95
36) 1,1-Dichloropropene	7.917	75	53990	20.085	ug/l	99
37) Ethyl Acetate	7.070	43	27938	20.906	ug/l	97
38) Carbon Tetrachloride	7.899	117	56419	19.978	ug/l	99
39) Methylcyclohexane	9.179	83	67644	20.038	ug/l	91
40) Benzene	8.155	78	141901	19.916	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007388.D
 Acq On : 04 Feb 2022 12:21
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/08/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 06 23:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	14916m	22.461	ug/l	
42) 1,2-Dichloroethane	8.234	62	43351	20.015	ug/l	93
43) Isopropyl Acetate	8.271	43	51592	20.644	ug/l #	91
44) Trichloroethene	8.935	130	39364	20.433	ug/l	94
45) 1,2-Dichloropropane	9.216	63	34922	19.877	ug/l	96
46) Dibromomethane	9.301	93	21832	20.886	ug/l	92
47) Bromodichloromethane	9.496	83	50552	20.000	ug/l	98
48) Methyl methacrylate	9.289	41	22980	20.332	ug/l #	89
49) 1,4-Dioxane	9.295	88	4744	414.331	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	133169	105.064	ug/l	91
52) Toluene	10.240	92	90120	20.075	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	52341	19.822	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	59433	20.094	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	28271	20.594	ug/l	99
56) Ethyl methacrylate	10.508	69	39725	20.834	ug/l	84
57) 1,3-Dichloropropane	10.788	76	49690	20.415	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	99625	100.442	ug/l	97
59) 2-Hexanone	10.831	43	92622	100.234	ug/l	88
60) Dibromochloromethane	10.984	129	33431	19.561	ug/l	96
61) 1,2-Dibromoethane	11.087	107	27886	20.532	ug/l	100
64) Tetrachloroethene	10.715	164	34133	20.630	ug/l	94
65) Chlorobenzene	11.514	112	94148	20.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	35142	20.072	ug/l	98
67) Ethyl Benzene	11.587	91	176328	19.812	ug/l	96
68) m/p-Xylenes	11.697	106	130079	39.462	ug/l	99
69) o-Xylene	12.026	106	62227	19.967	ug/l	100
70) Styrene	12.044	104	103913	20.227	ug/l	98
71) Bromoform	12.209	173	19998	20.702	ug/l #	100
73) Isopropylbenzene	12.325	105	170388	19.581	ug/l	99
74) N-amyl acetate	12.142	43	43841	20.354	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	31944	20.102	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	22949m	20.275	ug/l	
77) Bromobenzene	12.605	156	36534	19.932	ug/l	99
78) n-propylbenzene	12.666	91	209722	19.898	ug/l	99
79) 2-Chlorotoluene	12.751	91	114054	19.545	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	140842	19.841	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	11387	20.155	ug/l	87
82) 4-Chlorotoluene	12.849	91	118107	19.706	ug/l	98
83) tert-Butylbenzene	13.075	119	124814	20.197	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	139275	19.927	ug/l	98
85) sec-Butylbenzene	13.251	105	184158	19.868	ug/l	98
86) p-Isopropyltoluene	13.367	119	150629	19.949	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	70060	19.714	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	69311	19.565	ug/l	96
89) n-Butylbenzene	13.696	91	146490	20.157	ug/l	99
90) Hexachloroethane	13.959	117	27777	19.466	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	62869	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5158	19.974	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	37771	20.390	ug/l	96
94) Hexachlorobutadiene	15.111	225	21039	20.516	ug/l	98
95) Naphthalene	15.233	128	82342	21.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	32226	20.609	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007388.D
 Acq On : 04 Feb 2022 12:21
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0204SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2022
 Supervised By :Mahesh Dadoda 02/08/2022

Quant Time: Feb 06 23:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007388.D
 Acq On : 04 Feb 2022 12:21
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

Quant Time: Feb 06 23:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/08/2022
 Supervised By : Mahesh Dadoda 02/08/2022

