

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010809.D
 Acq On : 05 Oct 2022 11:07
 Operator : KP/MD
 Sample : VY1005SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1005SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 09:14:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	231076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	333766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130879	55.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.760%			
35) Dibromofluoromethane	7.716	113	123318	49.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.179	98	486258	57.013	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.020%			
62) 4-Bromofluorobenzene	12.483	95	160469	48.012	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34359	21.463	ug/l	99
3) Chloromethane	2.113	50	58844	22.100	ug/l	97
4) Vinyl Chloride	2.247	62	65202	20.336	ug/l	99
5) Bromomethane	2.637	94	47050	20.681	ug/l	93
6) Chloroethane	2.784	64	44069	20.625	ug/l	99
7) Trichlorofluoromethane	3.119	101	85702	21.949	ug/l	95
8) Diethyl Ether	3.528	74	26842	21.369	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	49986	22.329	ug/l	93
10) Methyl Iodide	4.088	142	54358	18.165	ug/l	93
11) Tert butyl alcohol	4.942	59	30245	115.088	ug/l	99
12) 1,1-Dichloroethene	3.869	96	47299	21.650	ug/l	90
13) Acrolein	3.723	56	21540	126.194	ug/l	98
14) Allyl chloride	4.473	41	72058	22.034	ug/l #	91
15) Acrylonitrile	5.155	53	71496	116.833	ug/l	98
16) Acetone	3.942	43	61038	102.607	ug/l	90
17) Carbon Disulfide	4.186	76	153625	21.759	ug/l	98
18) Methyl Acetate	4.473	43	37267	24.525	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	121890	21.313	ug/l	97
20) Methylene Chloride	4.710	84	64197	21.668	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	54726	21.452	ug/l	86
22) Diisopropyl ether	6.112	45	158316	22.073	ug/l #	96
23) Vinyl Acetate	6.058	43	475967	109.553	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	95828	21.940	ug/l	98
25) 2-Butanone	6.984	43	92493	108.148	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	83760	20.203	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	59984	21.187	ug/l	91
28) Bromochloromethane	7.332	49	21762	16.900	ug/l	96
29) Tetrahydrofuran	7.344	42	58939	117.191	ug/l	89
30) Chloroform	7.502	83	98289	21.805	ug/l	97
31) Cyclohexane	7.783	56	89014	21.232	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	86554	21.316	ug/l	96
36) 1,1-Dichloropropene	7.917	75	76052	21.124	ug/l	99
37) Ethyl Acetate	7.070	43	41050	23.235	ug/l #	94
38) Carbon Tetrachloride	7.899	117	78838	21.024	ug/l	98
39) Methylcyclohexane	9.179	83	91290	20.643	ug/l	92
40) Benzene	8.155	78	220649	21.276	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010809.D
 Acq On : 05 Oct 2022 11:07
 Operator : KP/MD
 Sample : VY1005SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1005SBS01

Quant Time: Oct 06 09:14:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22483m	23.186	ug/l	
42) 1,2-Dichloroethane	8.234	62	62164	21.202	ug/l	93
43) Isopropyl Acetate	8.271	43	68453	21.408	ug/l #	89
44) Trichloroethene	8.935	130	58922	20.983	ug/l	98
45) 1,2-Dichloropropane	9.216	63	53864	21.544	ug/l	99
46) Dibromomethane	9.301	93	30753	21.505	ug/l	95
47) Bromodichloromethane	9.496	83	73699	21.355	ug/l	99
48) Methyl methacrylate	9.289	41	31450	20.941	ug/l #	82
49) 1,4-Dioxane	9.295	88	8719	495.283	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	195817	111.933	ug/l	90
52) Toluene	10.240	92	139632	21.155	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	74986	20.986	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86365	21.107	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	42845	21.352	ug/l	98
56) Ethyl methacrylate	10.508	69	54960	21.317	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	73522	21.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	97579	91.806	ug/l	97
59) 2-Hexanone	10.831	43	133836	110.459	ug/l	89
60) Dibromochloromethane	10.984	129	51211	21.286	ug/l	98
61) 1,2-Dibromoethane	11.087	107	41424	21.651	ug/l	99
64) Tetrachloroethene	10.715	164	56506	21.352	ug/l	97
65) Chlorobenzene	11.514	112	147332	21.316	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	52531	20.793	ug/l	98
67) Ethyl Benzene	11.593	91	261113	20.991	ug/l	98
68) m/p-Xylenes	11.703	106	203363	41.775	ug/l	95
69) o-Xylene	12.026	106	93852	20.620	ug/l	94
70) Styrene	12.044	104	161817	21.096	ug/l	96
71) Bromoform	12.203	173	31686	21.071	ug/l #	100
73) Isopropylbenzene	12.331	105	251108	20.675	ug/l	99
74) N-amyl acetate	12.142	43	58245	20.867	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	50298	22.166	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	37321m	22.308	ug/l	
77) Bromobenzene	12.611	156	58936	21.153	ug/l	97
78) n-propylbenzene	12.672	91	310572	20.996	ug/l	100
79) 2-Chlorotoluene	12.758	91	171545	20.730	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	215657	20.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	16794	20.969	ug/l	89
82) 4-Chlorotoluene	12.855	91	179345	20.726	ug/l	99
83) tert-Butylbenzene	13.075	119	181855	20.766	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	213824	21.172	ug/l	99
85) sec-Butylbenzene	13.251	105	277496	21.050	ug/l	100
86) p-Isopropyltoluene	13.367	119	231196	20.904	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	116856	20.664	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	117256	20.940	ug/l	98
89) n-Butylbenzene	13.696	91	215354	21.160	ug/l	100
90) Hexachloroethane	13.959	117	44912	21.230	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	104227	21.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7942	21.766	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	60521	20.927	ug/l	98
94) Hexachlorobutadiene	15.111	225	38143	21.391	ug/l	98
95) Naphthalene	15.233	128	116559	21.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51113	20.733	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010809.D
Acq On : 05 Oct 2022 11:07
Operator : KP/MD
Sample : VY1005SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1005SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 06 09:14:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Oct 06 09:14:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

