

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016451.D
 Acq On : 22 Nov 2023 10:12
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Quant Time: Nov 23 04:02:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/24/2023
 Supervised By :Semsettin Yesilyurt 11/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	156893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64670	45.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.200%		
35) Dibromofluoromethane	7.722	113	72137	50.754	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.500%		
50) Toluene-d8	10.185	98	270596	46.948	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.900%		
62) 4-Bromofluorobenzene	12.489	95	91120	48.676	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35106	22.852	ug/l	99
3) Chloromethane	2.113	50	36400	20.231	ug/l	97
4) Vinyl Chloride	2.253	62	37830	19.554	ug/l	96
5) Bromomethane	2.650	94	25833	20.318	ug/l	98
6) Chloroethane	2.796	64	24448	19.804	ug/l	93
7) Trichlorofluoromethane	3.125	101	62145	22.079	ug/l	96
8) Diethyl Ether	3.527	74	16715	19.869	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	35920	21.188	ug/l	96
10) Methyl Iodide	4.094	142	38647	21.108	ug/l	99
11) Tert butyl alcohol	4.954	59	10089	89.849	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	33646	21.222	ug/l	84
13) Acrolein	3.729	56	9187	67.831	ug/l	98
14) Allyl chloride	4.485	41	41117	18.275	ug/l #	88
15) Acrylonitrile	5.167	53	30966	92.755	ug/l	97
16) Acetone	3.942	43	32481	136.940	ug/l #	89
17) Carbon Disulfide	4.198	76	102474	21.422	ug/l	99
18) Methyl Acetate	4.472	43	21556	17.103	ug/l #	84
19) Methyl tert-butyl Ether	5.228	73	74372	19.381	ug/l	95
20) Methylene Chloride	4.722	84	47701	26.857	ug/l #	83
21) trans-1,2-Dichloroethene	5.222	96	38972	21.349	ug/l	89
22) Diisopropyl ether	6.125	45	88655	18.284	ug/l #	86
23) Vinyl Acetate	6.064	43	207005	88.108	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	60024	20.066	ug/l	95
25) 2-Butanone	6.990	43	45063	108.467	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	56365	20.704	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	42081	21.390	ug/l	85
28) Bromochloromethane	7.344	49	20625	18.630	ug/l #	76
29) Tetrahydrofuran	7.356	42	23045	83.922	ug/l #	82
30) Chloroform	7.515	83	65012	20.880	ug/l	95
31) Cyclohexane	7.795	56	54156	19.183	ug/l	84
32) 1,1,1-Trichloroethane	7.710	97	61811	21.657	ug/l	96
36) 1,1-Dichloropropene	7.923	75	51279	20.778	ug/l	98
37) Ethyl Acetate	7.076	43	17633	17.683	ug/l #	90
38) Carbon Tetrachloride	7.905	117	56947	22.233	ug/l	97
39) Methylcyclohexane	9.191	83	63014	20.491	ug/l	88
40) Benzene	8.167	78	146752	21.165	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016451.D
 Acq On : 22 Nov 2023 10:12
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/24/2023
 Supervised By :Semsettin Yesilyurt 11/24/2023

Quant Time: Nov 23 04:02:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10206	20.299	ug/l #	88
42) 1,2-Dichloroethane	8.246	62	36634	20.391	ug/l	93
43) Isopropyl Acetate	8.277	43	32845	17.040	ug/l #	93
44) Trichloroethene	8.947	130	43544	21.851	ug/l	94
45) 1,2-Dichloropropane	9.222	63	34212	20.545	ug/l	98
46) Dibromomethane	9.313	93	18898	20.942	ug/l	99
47) Bromodichloromethane	9.502	83	48344	20.838	ug/l	96
48) Methyl methacrylate	9.301	41	17859	16.765	ug/l #	78
49) 1,4-Dioxane	9.301	88	3869	403.854	ug/l #	66
51) 4-Methyl-2-Pentanone	10.075	43	84370	86.559	ug/l #	87
52) Toluene	10.252	92	94190	21.490	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	45264	20.126	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	55313	20.592	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	25986	20.893	ug/l	94
56) Ethyl methacrylate	10.514	69	22496	19.160	ug/l #	79
57) 1,3-Dichloropropane	10.794	76	44189	20.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	69665	87.507	ug/l #	90
59) 2-Hexanone	10.837	43	70518	97.265	ug/l	82
60) Dibromochloromethane	10.990	129	34423	22.130	ug/l	100
61) 1,2-Dibromoethane	11.093	107	25240	21.301	ug/l	100
64) Tetrachloroethene	10.727	164	43101	21.775	ug/l	95
65) Chlorobenzene	11.526	112	100358	21.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	37902	21.818	ug/l	99
67) Ethyl Benzene	11.599	91	175867	20.777	ug/l	98
68) m/p-Xylenes	11.709	106	137904	42.954	ug/l	94
69) o-Xylene	12.038	106	63861	21.424	ug/l	95
70) Styrene	12.050	104	92004	21.556	ug/l	98
71) Bromoform	12.215	173	19228	21.331	ug/l #	99
73) Isopropylbenzene	12.337	105	175157	20.288	ug/l	99
74) N-amyl acetate	12.148	43	27495	15.855	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	25901	18.697	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	21203m	20.732	ug/l	
77) Bromobenzene	12.617	156	40508	20.760	ug/l	89
78) n-propylbenzene	12.678	91	204104	20.005	ug/l	99
79) 2-Chlorotoluene	12.764	91	112928	20.084	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	144446	20.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	8715	18.496	ug/l	88
82) 4-Chlorotoluene	12.861	91	117297	20.189	ug/l	98
83) tert-Butylbenzene	13.081	119	127273	20.759	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	141294	20.616	ug/l	97
85) sec-Butylbenzene	13.264	105	178913	20.426	ug/l	99
86) p-Isopropyltoluene	13.379	119	157567	20.892	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78324	20.865	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	77747	21.192	ug/l	99
89) n-Butylbenzene	13.703	91	139924	20.089	ug/l	96
90) Hexachloroethane	13.971	117	29777	20.467	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	67145	20.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3896	17.676	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	39256	20.907	ug/l	99
94) Hexachlorobutadiene	15.123	225	24476	22.753	ug/l	99
95) Naphthalene	15.245	128	64053	19.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32149	20.701	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
Data File : VY016451.D
Acq On : 22 Nov 2023 10:12
Operator : SY/MD
Sample : VY1122SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/24/2023
Supervised By :Semsettin Yesilyurt 11/24/2023

Quant Time: Nov 23 04:02:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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\VY112223\
Data File : VY016451.D
Acq On : 22 Nov 2023 10:12
Operator : SY/MD
Sample : VY1122SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Quant Time: Nov 23 04:02:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/24/2023
Supervised By :Semsettin Yesilyurt 11/24/2023

