

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078058.D
 Acq On : 22 Dec 2023 12:42
 Operator : RP/MD
 Sample : VD1222SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1222SBS01

Quant Time: Dec 23 03:34:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	233209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	211422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	108058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73765	45.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.800%
35) Dibromofluoromethane	7.810	113	79386	48.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.269	98	310515	47.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.575	95	95082	48.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.220%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	26348	15.296	ug/l	94
3) Chloromethane	2.152	50	37604	16.016	ug/l	93
4) Vinyl Chloride	2.287	62	56358	17.681	ug/l	96
5) Bromomethane	2.693	94	41478	23.191	ug/l	99
6) Chloroethane	2.840	64	42263	19.449	ug/l	97
7) Trichlorofluoromethane	3.181	101	50475	17.194	ug/l	96
8) Diethyl Ether	3.599	74	13613	16.514	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.981	101	30969	18.440	ug/l	94
10) Methyl Iodide	4.163	142	24653	21.232	ug/l	93
11) Tert butyl alcohol	5.052	59	7328	86.269	ug/l	# 88
12) 1,1-Dichloroethene	3.946	96	26383	15.917	ug/l	# 84
13) Acrolein	3.805	56	8423	49.005	ug/l	84
14) Allyl chloride	4.575	41	34305	15.048	ug/l	87
15) Acrylonitrile	5.257	53	28407	80.488	ug/l	93
16) Acetone	4.034	43	37151	84.964	ug/l	# 76
17) Carbon Disulfide	4.281	76	67377	12.015	ug/l	97
18) Methyl Acetate	4.569	43	19719	15.409	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	58164	16.539	ug/l	94
20) Methylene Chloride	4.810	84	41825	18.703	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	30329	16.155	ug/l	95
22) Diisopropyl ether	6.228	45	80429	16.883	ug/l	# 92
23) Vinyl Acetate	6.157	43	179449	77.136	ug/l	93
24) 1,1-Dichloroethane	6.116	63	57454	17.809	ug/l	97
25) 2-Butanone	7.087	43	42810	85.995	ug/l	# 84
26) 2,2-Dichloropropane	7.087	77	47528	17.547	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	36205	17.922	ug/l	90
28) Bromochloromethane	7.428	49	21731	16.670	ug/l	# 79
29) Tetrahydrofuran	7.446	42	19737	76.280	ug/l	# 89
30) Chloroform	7.604	83	60385	18.702	ug/l	99
31) Cyclohexane	7.887	56	42313	14.641	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	50354	17.691	ug/l	97
36) 1,1-Dichloropropene	8.016	75	42419	16.234	ug/l	96
37) Ethyl Acetate	7.169	43	15721	15.430	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	45316	17.396	ug/l	94
39) Methylcyclohexane	9.275	83	46389	14.976	ug/l	# 91
40) Benzene	8.257	78	122955	16.579	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078058.D
 Acq On : 22 Dec 2023 12:42
 Operator : RP/MD
 Sample : VD1222SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1222SBS01

Quant Time: Dec 23 03:34:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.393	41	9531	18.405	ug/l	#	84
42) 1,2-Dichloroethane	8.328	62	33715	17.538	ug/l		93
43) Isopropyl Acetate	8.369	43	27585	15.231	ug/l	#	94
44) Trichloroethene	9.034	130	33363	17.263	ug/l		89
45) 1,2-Dichloropropane	9.310	63	32049	17.777	ug/l		96
46) Dibromomethane	9.398	93	17238	18.071	ug/l		93
47) Bromodichloromethane	9.587	83	45439	18.793	ug/l		99
48) Methyl methacrylate	9.381	41	15213	14.777	ug/l	#	84
49) 1,4-Dioxane	9.387	88	3478	367.189	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.163	43	74280	80.361	ug/l		92
52) Toluene	10.340	92	79379	17.255	ug/l		99
53) t-1,3-Dichloropropene	10.557	75	39943	17.203	ug/l		95
54) cis-1,3-Dichloropropene	10.016	75	48585	17.307	ug/l	#	90
55) 1,1,2-Trichloroethane	10.734	97	24933	19.109	ug/l		94
56) Ethyl methacrylate	10.598	69	18541	16.120	ug/l	#	83
57) 1,3-Dichloropropane	10.881	76	39647	17.628	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.875	63	46844	71.415	ug/l		94
59) 2-Hexanone	10.922	43	61253	79.874	ug/l		92
60) Dibromochloromethane	11.075	129	29843	18.997	ug/l		95
61) 1,2-Dibromoethane	11.181	107	21958	17.878	ug/l		95
64) Tetrachloroethene	10.810	164	26238	16.885	ug/l		95
65) Chlorobenzene	11.610	112	86941	16.188	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.687	131	31591	17.969	ug/l		99
67) Ethyl Benzene	11.687	91	150676	17.118	ug/l		94
68) m/p-Xylenes	11.798	106	116518	34.607	ug/l		92
69) o-Xylene	12.122	106	53579	17.267	ug/l		90
70) Styrene	12.134	104	81208	17.600	ug/l		93
71) Bromoform	12.298	173	17100	18.615	ug/l	#	94
73) Isopropylbenzene	12.422	105	148481	18.130	ug/l		95
74) N-amyl acetate	12.234	43	26271	16.319	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.675	83	27541	19.286	ug/l		95
76) 1,2,3-Trichloropropane	12.728	75	19371m	20.641	ug/l		
77) Bromobenzene	12.704	156	35624	18.493	ug/l		92
78) n-propylbenzene	12.763	91	184694	18.507	ug/l		96
79) 2-Chlorotoluene	12.851	91	96625	18.067	ug/l		97
80) 1,3,5-Trimethylbenzene	12.904	105	122380	17.916	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.469	75	7835	16.915	ug/l		92
82) 4-Chlorotoluene	12.951	91	107561	19.238	ug/l		95
83) tert-Butylbenzene	13.169	119	104817	18.176	ug/l		97
84) 1,2,4-Trimethylbenzene	13.210	105	125374	18.351	ug/l		96
85) sec-Butylbenzene	13.345	105	160148	18.788	ug/l		97
86) p-Isopropyltoluene	13.463	119	137959	18.077	ug/l		97
87) 1,3-Dichlorobenzene	13.457	146	71649	18.188	ug/l		96
88) 1,4-Dichlorobenzene	13.539	146	73540	17.665	ug/l		97
89) n-Butylbenzene	13.786	91	131012	18.244	ug/l		99
90) Hexachloroethane	14.057	117	29302	20.877	ug/l		92
91) 1,2-Dichlorobenzene	13.834	146	62554	18.671	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3844	17.954	ug/l		96
93) 1,2,4-Trichlorobenzene	15.098	180	38371	16.767	ug/l		97
94) Hexachlorobutadiene	15.210	225	21779	17.648	ug/l		99
95) Naphthalene	15.333	128	64339	16.921	ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.522	180	31794	16.852	ug/l		99

12/26/2023
 Supervised By :Semsettin
 Yesilyurt

12/26/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
Data File : VD078058.D
Acq On : 22 Dec 2023 12:42
Operator : RP/MD
Sample : VD1222SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 23 03:34:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1222SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

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

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

12/26/2023
Supervised By :Semsettin
Yesilyurt

12/26/2023

