

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078205.D
 Acq On : 23 Jan 2024 12:40
 Operator : RP/MD
 Sample : VD0123SBSD01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

Quant Time: Jan 24 00:19:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	143870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	264520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	238950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	110200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81461	49.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.805	113	84024	48.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.520%
50) Toluene-d8	10.275	98	329768	47.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.575	95	94776	47.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	35394	22.367	ug/l	98
3) Chloromethane	2.152	50	54557	20.739	ug/l	96
4) Vinyl Chloride	2.293	62	67071	19.660	ug/l	99
5) Bromomethane	2.699	94	45663	18.341	ug/l	99
6) Chloroethane	2.840	64	47938	20.116	ug/l	96
7) Trichlorofluoromethane	3.187	101	61917	19.953	ug/l	97
8) Diethyl Ether	3.605	74	16968	19.725	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	35240	19.607	ug/l	92
10) Methyl Iodide	4.175	142	33157	18.404	ug/l	92
11) Tert butyl alcohol	5.064	59	7886	97.530	ug/l	100
12) 1,1-Dichloroethene	3.952	96	33989	19.090	ug/l	# 78
13) Acrolein	3.811	56	14031	75.591	ug/l	92
14) Allyl chloride	4.569	41	41424	17.639	ug/l	# 87
15) Acrylonitrile	5.264	53	38708	100.275	ug/l	# 88
16) Acetone	4.028	43	57384	129.915	ug/l	# 85
17) Carbon Disulfide	4.281	76	110998	19.226	ug/l	98
18) Methyl Acetate	4.569	43	27197	19.247	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	72704	19.582	ug/l	98
20) Methylene Chloride	4.816	84	44539	19.684	ug/l	# 88
21) trans-1,2-Dichloroethene	5.322	96	38180	18.558	ug/l	90
22) Diisopropyl ether	6.222	45	97564	19.633	ug/l	97
23) Vinyl Acetate	6.158	43	237074	96.828	ug/l	# 90
24) 1,1-Dichloroethane	6.122	63	66995	19.510	ug/l	94
25) 2-Butanone	7.087	43	63620	117.487	ug/l	# 84
26) 2,2-Dichloropropane	7.087	77	54201	18.842	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	41771	18.901	ug/l	92
28) Bromochloromethane	7.434	49	24528	18.314	ug/l	# 80
29) Tetrahydrofuran	7.452	42	26434	97.557	ug/l	87
30) Chloroform	7.605	83	66001	18.900	ug/l	98
31) Cyclohexane	7.887	56	56946	18.752	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	57799	19.160	ug/l	99
36) 1,1-Dichloropropene	8.010	75	51882	18.123	ug/l	93
37) Ethyl Acetate	7.169	43	18682	17.529	ug/l	98
38) Carbon Tetrachloride	7.999	117	50054	17.703	ug/l	95
39) Methylcyclohexane	9.281	83	60121	17.758	ug/l	89
40) Benzene	8.257	78	150688	18.548	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078205.D
 Acq On : 23 Jan 2024 12:40
 Operator : RP/MD
 Sample : VD0123SBSD01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

Quant Time: Jan 24 00:19:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10598	18.110	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	40289	19.060	ug/l	94
43) Isopropyl Acetate	8.369	43	37760	19.339	ug/l #	89
44) Trichloroethene	9.034	130	37528	18.056	ug/l	94
45) 1,2-Dichloropropane	9.310	63	37143	18.425	ug/l	98
46) Dibromomethane	9.393	93	20714	18.710	ug/l #	86
47) Bromodichloromethane	9.587	83	50372	18.113	ug/l	98
48) Methyl methacrylate	9.381	41	20838	18.434	ug/l #	79
49) 1,4-Dioxane	9.393	88	4272	398.794	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	99401	96.879	ug/l	88
52) Toluene	10.334	92	91266	17.723	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	47306	18.438	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	57244	18.612	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	27498	18.562	ug/l	91
56) Ethyl methacrylate	10.599	69	23096	19.046	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	46374	18.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	68841	94.729	ug/l	93
59) 2-Hexanone	10.922	43	89374	107.192	ug/l	86
60) Dibromochloromethane	11.075	129	31993	18.318	ug/l	99
61) 1,2-Dibromoethane	11.181	107	25295	18.524	ug/l	100
64) Tetrachloroethene	10.810	164	28709	18.375	ug/l	93
65) Chlorobenzene	11.610	112	97018	18.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	33804	17.920	ug/l	97
67) Ethyl Benzene	11.687	91	172563	17.965	ug/l	97
68) m/p-Xylenes	11.793	106	131630	35.879	ug/l	88
69) o-Xylene	12.122	106	59494	17.869	ug/l	89
70) Styrene	12.134	104	90152	18.070	ug/l	93
71) Bromoform	12.304	173	16944	18.138	ug/l #	96
73) Isopropylbenzene	12.422	105	157713	18.202	ug/l	97
74) N-amyl acetate	12.234	43	31617	19.072	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	31552	19.570	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	22705m	21.481	ug/l	
77) Bromobenzene	12.704	156	35007	18.427	ug/l	83
78) n-propylbenzene	12.763	91	201387	18.739	ug/l	94
79) 2-Chlorotoluene	12.851	91	108040	18.839	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	131266	18.270	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10426	21.248	ug/l	98
82) 4-Chlorotoluene	12.951	91	112549	18.618	ug/l	95
83) tert-Butylbenzene	13.169	119	107309	17.867	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	133564	18.382	ug/l	94
85) sec-Butylbenzene	13.345	105	164827	18.125	ug/l	94
86) p-Isopropyltoluene	13.463	119	143220	18.097	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	71390	18.150	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	72734	18.718	ug/l	96
89) n-Butylbenzene	13.787	91	140955	18.296	ug/l	96
90) Hexachloroethane	14.057	117	29626	19.084	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	61337	18.545	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4127	17.912	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	37091	18.142	ug/l	94
94) Hexachlorobutadiene	15.204	225	18757	18.986	ug/l	95
95) Naphthalene	15.334	128	70805	18.523	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31658	18.456	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
Data File : VD078205.D
Acq On : 23 Jan 2024 12:40
Operator : RP/MD
Sample : VD0123SBSD01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024

Quant Time: Jan 24 00:19:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

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

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

