

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079670.D
 Acq On : 08 Aug 2024 16:40
 Operator : RP/MD
 Sample : VD0808SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

08/09/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Aug 09 01:08:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	170032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	322721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103525	59.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.860%	
35) Dibromofluoromethane	7.804	113	107076	49.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.040%	
50) Toluene-d8	10.269	98	427641	50.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.569	95	119281	48.593	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27435	20.593	ug/l	98
3) Chloromethane	2.146	50	57263	23.328	ug/l	94
4) Vinyl Chloride	2.281	62	66860	22.908	ug/l	94
5) Bromomethane	2.675	94	50237	26.006	ug/l	97
6) Chloroethane	2.828	64	48272	25.738	ug/l	94
7) Trichlorofluoromethane	3.169	101	66085	22.767	ug/l	97
8) Diethyl Ether	3.593	74	22369	25.512	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.963	101	41666	22.696	ug/l	97
10) Methyl Iodide	4.157	142	39100	19.045	ug/l	95
11) Tert butyl alcohol	5.051	59	15451	201.120	ug/l #	80
12) 1,1-Dichloroethene	3.934	96	41606	22.647	ug/l	94
13) Acrolein	3.799	56	13651	105.012	ug/l	100
14) Allyl chloride	4.551	41	60517	24.945	ug/l #	85
15) Acrylonitrile	5.251	53	57021	139.172	ug/l	98
16) Acetone	4.022	43	40179	119.687	ug/l	88
17) Carbon Disulfide	4.269	76	108533	17.897	ug/l #	94
18) Methyl Acetate	4.563	43	31909	30.615	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	96826	25.820	ug/l	99
20) Methylene Chloride	4.793	84	71686	20.685	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	47135	22.838	ug/l	92
22) Diisopropyl ether	6.216	45	151092	27.992	ug/l #	91
23) Vinyl Acetate	6.157	43	535300	131.926	ug/l #	91
24) 1,1-Dichloroethane	6.104	63	94641	26.164	ug/l	95
25) 2-Butanone	7.081	43	64013	134.502	ug/l	89
26) 2,2-Dichloropropane	7.081	77	63311	21.638	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	58989	25.006	ug/l	89
28) Bromochloromethane	7.422	49	41416	26.110	ug/l #	65
29) Tetrahydrofuran	7.440	42	41901	142.063	ug/l #	79
30) Chloroform	7.593	83	96884	26.449	ug/l	99
31) Cyclohexane	7.881	56	59482	20.734	ug/l #	82
32) 1,1,1-Trichloroethane	7.792	97	74836	24.758	ug/l	95
36) 1,1-Dichloropropene	8.004	75	59534	19.969	ug/l	96
37) Ethyl Acetate	7.169	43	31800	26.015	ug/l	96
38) Carbon Tetrachloride	7.987	117	62400	19.910	ug/l	95
39) Methylcyclohexane	9.275	83	63628	17.887	ug/l	92
40) Benzene	8.251	78	207655	21.929	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.398	41	16572	24.647	ug/l	#	83
42) 1,2-Dichloroethane	8.322	62	50604	22.426	ug/l		96
43) Isopropyl Acetate	8.363	43	56379	24.541	ug/l	#	92
44) Trichloroethene	9.028	130	47473	20.139	ug/l		92
45) 1,2-Dichloropropane	9.304	63	52733	22.883	ug/l		99
46) Dibromomethane	9.387	93	28230	22.097	ug/l		93
47) Bromodichloromethane	9.581	83	70150	22.363	ug/l	#	97
48) Methyl methacrylate	9.381	41	23190	22.555	ug/l		88
49) 1,4-Dioxane	9.381	88	6657	502.887	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.157	43	149228	127.229	ug/l		93
52) Toluene	10.328	92	126878	21.665	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	62939	21.727	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	75762	21.743	ug/l	#	92
55) 1,1,2-Trichloroethane	10.728	97	40462	24.043	ug/l		94
56) Ethyl methacrylate	10.598	69	44590	22.362	ug/l	#	86
57) 1,3-Dichloropropane	10.875	76	66526	23.263	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	91866	99.900	ug/l	#	88
59) 2-Hexanone	10.916	43	101218	123.736	ug/l		93
60) Dibromochloromethane	11.069	129	47258	21.496	ug/l		99
61) 1,2-Dibromoethane	11.175	107	34029	21.584	ug/l		97
64) Tetrachloroethene	10.810	164	39565	19.810	ug/l		95
65) Chlorobenzene	11.604	112	140793	21.466	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46914	21.740	ug/l		99
67) Ethyl Benzene	11.681	91	224512	20.909	ug/l		99
68) m/p-Xylenes	11.792	106	183722	43.128	ug/l		95
69) o-Xylene	12.122	106	84710	21.695	ug/l		93
70) Styrene	12.133	104	149650	21.861	ug/l		95
71) Bromoform	12.292	173	26193	21.471	ug/l	#	98
73) Isopropylbenzene	12.416	105	216177	22.113	ug/l		97
74) N-amyl acetate	12.233	43	53814	25.265	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.669	83	47690	25.350	ug/l		94
76) 1,2,3-Trichloropropane	12.722	75	34146m	26.975	ug/l		
77) Bromobenzene	12.698	156	52585	21.656	ug/l		83
78) n-propylbenzene	12.763	91	265747	21.953	ug/l		97
79) 2-Chlorotoluene	12.845	91	150096	22.268	ug/l		94
80) 1,3,5-Trimethylbenzene	12.898	105	178376	22.112	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.469	75	15329	23.097	ug/l		95
82) 4-Chlorotoluene	12.945	91	160287	22.811	ug/l		95
83) tert-Butylbenzene	13.163	119	152305	21.705	ug/l		96
84) 1,2,4-Trimethylbenzene	13.210	105	183318	22.242	ug/l		97
85) sec-Butylbenzene	13.339	105	230677	21.499	ug/l		99
86) p-Isopropyltoluene	13.457	119	191803	21.308	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	108136	21.499	ug/l		98
88) 1,4-Dichlorobenzene	13.533	146	107404	21.719	ug/l		97
89) n-Butylbenzene	13.786	91	177414	21.274	ug/l		98
90) Hexachloroethane	14.051	117	40704	21.689	ug/l		96
91) 1,2-Dichlorobenzene	13.827	146	93052	21.646	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6343	25.339	ug/l		78
93) 1,2,4-Trichlorobenzene	15.098	180	50192	18.531	ug/l		96
94) Hexachlorobutadiene	15.198	225	26729	18.285	ug/l		92
95) Naphthalene	15.327	128	103270	22.029	ug/l		99
96) 1,2,3-Trichlorobenzene	15.516	180	46094	19.347	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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