

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080093.D
 Acq On : 19 Nov 2024 19:40
 Operator : RP/MD
 Sample : VD1119SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 03:58:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85882	56.274	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	112.540%	
35) Dibromofluoromethane	7.805	113	92663	58.591	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	117.180%	
50) Toluene-d8	10.269	98	338337	56.761	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	113.520%	
62) 4-Bromofluorobenzene	12.569	95	113781	58.180	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	116.360%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22257	18.709	ug/l	97
3) Chloromethane	2.146	50	26640	30.451	ug/l	92
4) Vinyl Chloride	2.281	62	33592	33.634	ug/l	99
5) Bromomethane	2.681	94	31909	29.643	ug/l	97
6) Chloroethane	2.834	64	22794	31.929	ug/l	99
7) Trichlorofluoromethane	3.169	101	53242	21.704	ug/l	96
8) Diethyl Ether	3.587	74	14676	20.494	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.969	101	32304	21.080	ug/l	96
10) Methyl Iodide	4.164	142	35276	18.598	ug/l	99
11) Tert butyl alcohol	5.069	59	8815	110.992	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	31371	20.425	ug/l	89
13) Acrolein	3.805	56	11336	74.388	ug/l	95
14) Allyl chloride	4.564	41	39751	18.258	ug/l	94
15) Acrylonitrile	5.258	53	31199	98.070	ug/l	98
16) Acetone	4.022	43	27714	83.696	ug/l	99
17) Carbon Disulfide	4.275	76	92301	18.663	ug/l	99
18) Methyl Acetate	4.564	43	14711	20.032	ug/l #	89
19) Methyl tert-butyl Ether	5.322	73	62990	20.103	ug/l	92
20) Methylene Chloride	4.799	84	37971	21.382	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	35484	20.898	ug/l	88
22) Diisopropyl ether	6.210	45	88745	20.129	ug/l	98
23) Vinyl Acetate	6.152	43	232548	92.066	ug/l	95
24) 1,1-Dichloroethane	6.116	63	59415	20.263	ug/l	94
25) 2-Butanone	7.087	43	39427	91.117	ug/l	90
26) 2,2-Dichloropropane	7.075	77	50435	19.788	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	39837	20.445	ug/l	96
28) Bromochloromethane	7.428	49	24933	19.107	ug/l #	85
29) Tetrahydrofuran	7.452	42	22561	95.184	ug/l	94
30) Chloroform	7.599	83	69145	22.383	ug/l	96
31) Cyclohexane	7.881	56	44846	18.045	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	56801	21.486	ug/l	97
36) 1,1-Dichloropropene	8.010	75	42492	19.649	ug/l	99
37) Ethyl Acetate	7.175	43	17565	18.897	ug/l #	81
38) Carbon Tetrachloride	7.993	117	50052	21.184	ug/l	97
39) Methylcyclohexane	9.269	83	46042	17.882	ug/l	94
40) Benzene	8.252	78	143776	21.329	ug/l	99

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41) Methacrylonitrile	7.405	41	8687	17.317	ug/l	# 64
42) 1,2-Dichloroethane	8.328	62	38131	21.858	ug/l	98
43) Isopropyl Acetate	8.363	43	33288	19.755	ug/l	94
44) Trichloroethene	9.028	130	36134	20.716	ug/l	93
45) 1,2-Dichloropropane	9.304	63	34605	21.362	ug/l	100
46) Dibromomethane	9.393	93	20270	21.513	ug/l	98
47) Bromodichloromethane	9.581	83	51615	21.885	ug/l	# 96
48) Methyl methacrylate	9.381	41	14704	18.279	ug/l	86
49) 1,4-Dioxane	9.387	88	3947	456.647	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	86441	101.114	ug/l	98
52) Toluene	10.334	92	91497	21.842	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	43236	20.565	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	50033	20.102	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	27757	22.267	ug/l	94
56) Ethyl methacrylate	10.599	69	30142	20.794	ug/l	94
57) 1,3-Dichloropropane	10.875	76	43606	21.504	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	53761	98.062	ug/l	96
59) 2-Hexanone	10.922	43	59748	95.017	ug/l	98
60) Dibromochloromethane	11.075	129	37696	23.494	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25814	21.964	ug/l	99
64) Tetrachloroethene	10.804	164	32994	20.626	ug/l	98
65) Chlorobenzene	11.604	112	99356	20.278	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	36986	21.685	ug/l	97
67) Ethyl Benzene	11.681	91	164789	20.044	ug/l	94
68) m/p-Xylenes	11.793	106	132295	41.175	ug/l	98
69) o-Xylene	12.122	106	59670	20.660	ug/l	96
70) Styrene	12.134	104	108888	21.123	ug/l	98
71) Bromoform	12.298	173	22009	21.886	ug/l	# 99
73) Isopropylbenzene	12.416	105	156278	19.610	ug/l	100
74) N-amyl acetate	12.228	43	32710	18.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	33797	22.067	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	23869m	21.874	ug/l	
77) Bromobenzene	12.698	156	42698	20.616	ug/l	96
78) n-propylbenzene	12.763	91	199320	20.238	ug/l	100
79) 2-Chlorotoluene	12.845	91	116668	20.200	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	136911	20.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	10224	19.176	ug/l	97
82) 4-Chlorotoluene	12.945	91	126244	20.446	ug/l	99
83) tert-Butylbenzene	13.163	119	111025	19.006	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	140517	20.739	ug/l	100
85) sec-Butylbenzene	13.345	105	172966	20.032	ug/l	98
86) p-Isopropyltoluene	13.457	119	144445	19.791	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	86204	20.555	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	85395	20.274	ug/l	98
89) n-Butylbenzene	13.787	91	132457	19.291	ug/l	98
90) Hexachloroethane	14.051	117	32045	20.482	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	76677	20.967	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4815	20.791	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	45188	19.705	ug/l	98
94) Hexachlorobutadiene	15.198	225	24287	19.596	ug/l	96
95) Naphthalene	15.328	128	76616	19.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	41328	20.522	ug/l	97

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

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