

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080061.D
 Acq On : 18 Nov 2024 11:22
 Operator : RP/MD
 Sample : VD1118SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/19/2024
 Supervised By :Mahesh Dadoda 11/19/2024

Quant Time: Nov 19 04:45:09 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	185362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	278035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	91520	47.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.900%		
35) Dibromofluoromethane	7.804	113	95269	50.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.440%		
50) Toluene-d8	10.269	98	357642	50.021	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.569	95	118231	50.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27711	18.627	ug/l	96
3) Chloromethane	2.146	50	18864	17.243	ug/l	98
4) Vinyl Chloride	2.287	62	22305	17.859	ug/l	95
5) Bromomethane	2.681	94	23735	17.107	ug/l	99
6) Chloroethane	2.828	64	15612	17.487	ug/l	94
7) Trichlorofluoromethane	3.175	101	60472	19.713	ug/l	98
8) Diethyl Ether	3.593	74	18549	20.713	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	40273	21.016	ug/l	96
10) Methyl Iodide	4.163	142	44539	18.777	ug/l	99
11) Tert butyl alcohol	5.058	59	11246	113.233	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	38601	20.097	ug/l	92
13) Acrolein	3.805	56	19112	100.288	ug/l	97
14) Allyl chloride	4.569	41	52572	19.309	ug/l	97
15) Acrylonitrile	5.263	53	40436	101.641	ug/l	99
16) Acetone	4.016	43	46288	111.783	ug/l	96
17) Carbon Disulfide	4.269	76	121638	19.667	ug/l	98
18) Methyl Acetate	4.563	43	19954	21.728	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	81837	20.885	ug/l	97
20) Methylene Chloride	4.811	84	47572	21.422	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	42829	20.171	ug/l #	81
22) Diisopropyl ether	6.216	45	113961	20.670	ug/l #	98
23) Vinyl Acetate	6.157	43	321354	101.736	ug/l	100
24) 1,1-Dichloroethane	6.116	63	74136	20.218	ug/l	98
25) 2-Butanone	7.087	43	55369	102.323	ug/l	95
26) 2,2-Dichloropropane	7.075	77	63815	20.021	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	49363	20.258	ug/l	95
28) Bromochloromethane	7.428	49	29656	18.174	ug/l	89
29) Tetrahydrofuran	7.446	42	31093	104.899	ug/l	97
30) Chloroform	7.593	83	81001	20.968	ug/l	100
31) Cyclohexane	7.881	56	59148	19.032	ug/l #	84
32) 1,1,1-Trichloroethane	7.793	97	68251	20.645	ug/l	97
36) 1,1-Dichloropropene	8.010	75	52869	20.382	ug/l	99
37) Ethyl Acetate	7.169	43	25388	22.770	ug/l	96
38) Carbon Tetrachloride	7.993	117	60997	21.523	ug/l	98
39) Methylcyclohexane	9.275	83	60473	19.581	ug/l	96
40) Benzene	8.252	78	167798	20.753	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12073	20.065	ug/l	97
42) 1,2-Dichloroethane	8.322	62	46347	22.149	ug/l	99
43) Isopropyl Acetate	8.363	43	44072	21.806	ug/l	96
44) Trichloroethene	9.028	130	42979	20.542	ug/l	96
45) 1,2-Dichloropropane	9.304	63	40991	21.096	ug/l	99
46) Dibromomethane	9.399	93	24900	22.032	ug/l	98
47) Bromodichloromethane	9.587	83	61171	21.624	ug/l #	97
48) Methyl methacrylate	9.381	41	19015	19.707	ug/l	90
49) 1,4-Dioxane	9.387	88	5756	555.192	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	117209	114.304	ug/l	99
52) Toluene	10.334	92	107229	21.341	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	52751	20.919	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	65369	21.896	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	33823	22.621	ug/l	95
56) Ethyl methacrylate	10.598	69	38127	21.929	ug/l	94
57) 1,3-Dichloropropane	10.875	76	51094	21.006	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	64512	98.103	ug/l	93
59) 2-Hexanone	10.922	43	80591	106.850	ug/l	96
60) Dibromochloromethane	11.075	129	45076	23.421	ug/l	99
61) 1,2-Dibromoethane	11.175	107	31528	22.364	ug/l	95
64) Tetrachloroethene	10.810	164	40493	20.451	ug/l	97
65) Chlorobenzene	11.604	112	122987	20.278	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.675	131	43662	20.681	ug/l	96
67) Ethyl Benzene	11.681	91	196392	19.298	ug/l	98
68) m/p-Xylenes	11.793	106	157181	39.521	ug/l	100
69) o-Xylene	12.122	106	70536	19.730	ug/l	95
70) Styrene	12.134	104	130977	20.526	ug/l	97
71) Bromoform	12.298	173	26906	21.615	ug/l #	96
73) Isopropylbenzene	12.422	105	184445	19.894	ug/l	100
74) N-amyl acetate	12.234	43	43046	21.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	38953	21.862	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	30446m	23.983	ug/l	
77) Bromobenzene	12.698	156	48840	20.271	ug/l	100
78) n-propylbenzene	12.763	91	230120	20.084	ug/l	98
79) 2-Chlorotoluene	12.845	91	136085	20.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	159585	20.338	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	13854	22.335	ug/l	93
82) 4-Chlorotoluene	12.945	91	146095	20.339	ug/l	97
83) tert-Butylbenzene	13.163	119	129416	19.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	164138	20.823	ug/l	99
85) sec-Butylbenzene	13.345	105	205507	20.459	ug/l	99
86) p-Isopropyltoluene	13.457	119	175424	20.661	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	100617	20.622	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	100511	20.512	ug/l	98
89) n-Butylbenzene	13.787	91	159355	19.949	ug/l	99
90) Hexachloroethane	14.051	117	37599	20.657	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	88869	20.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6099	22.637	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	52820	19.799	ug/l	98
94) Hexachlorobutadiene	15.198	225	29372	20.371	ug/l	98
95) Naphthalene	15.328	128	93898	20.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	48809	20.834	ug/l	99

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

