

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079492.D
 Acq On : 31 Jul 2024 13:10
 Operator : RP/MD
 Sample : VD0731SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

Quant Time: Jul 31 16:01:51 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	196755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113655	56.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.720%			
35) Dibromofluoromethane	7.805	113	121664	55.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.820%			
50) Toluene-d8	10.269	98	471330	55.280	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.560%			
62) 4-Bromofluorobenzene	12.569	95	138385	56.088	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34881	22.626	ug/l	95
3) Chloromethane	2.146	50	63338	22.298	ug/l	99
4) Vinyl Chloride	2.281	62	77196	22.857	ug/l	97
5) Bromomethane	2.675	94	49172	21.568	ug/l	98
6) Chloroethane	2.828	64	42103	19.400	ug/l	100
7) Trichlorofluoromethane	3.164	101	48468	14.430	ug/l	94
8) Diethyl Ether	3.587	74	16146	15.914	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.964	101	27775	13.075	ug/l	87
10) Methyl Iodide	4.158	142	28662	12.431	ug/l #	88
11) Tert butyl alcohol	5.052	59	9895	104.547	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	28065	13.201	ug/l	92
13) Acrolein	3.793	56	13685	87.003	ug/l	92
14) Allyl chloride	4.558	41	45201	16.102	ug/l #	84
15) Acrylonitrile	5.258	53	41587	87.716	ug/l	98
16) Acetone	4.022	43	30654	78.912	ug/l	89
17) Carbon Disulfide	4.264	76	102708	14.636	ug/l	99
18) Methyl Acetate	4.558	43	21953	18.202	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	70321	16.205	ug/l	94
20) Methylene Chloride	4.793	84	56024	5.847	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	33545	14.046	ug/l #	83
22) Diisopropyl ether	6.216	45	141331	22.627	ug/l #	90
23) Vinyl Acetate	6.152	43	522830	111.352	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	92383	22.071	ug/l	93
25) 2-Butanone	7.087	43	60213	109.334	ug/l	98
26) 2,2-Dichloropropane	7.075	77	71431	21.098	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	61259	22.441	ug/l	93
28) Bromochloromethane	7.422	49	38750	21.111	ug/l #	74
29) Tetrahydrofuran	7.452	42	39885	116.862	ug/l #	82
30) Chloroform	7.593	83	98126	23.149	ug/l	96
31) Cyclohexane	7.875	56	68873	20.747	ug/l #	86
32) 1,1,1-Trichloroethane	7.793	97	82820	23.678	ug/l	98
36) 1,1-Dichloropropene	8.005	75	63836	21.302	ug/l	97
37) Ethyl Acetate	7.163	43	30740	25.019	ug/l	97
38) Carbon Tetrachloride	7.987	117	72296	22.949	ug/l	92
39) Methylcyclohexane	9.269	83	74422	20.814	ug/l	93
40) Benzene	8.252	78	213010	22.380	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15005	22.202	ug/l	87
42) 1,2-Dichloroethane	8.322	62	54171	23.884	ug/l	97
43) Isopropyl Acetate	8.363	43	53048	22.973	ug/l	96
44) Trichloroethene	9.028	130	52352	22.095	ug/l	94
45) 1,2-Dichloropropane	9.299	63	52697	22.751	ug/l	98
46) Dibromomethane	9.387	93	30087	23.431	ug/l	98
47) Bromodichloromethane	9.581	83	74489	23.625	ug/l	93
48) Methyl methacrylate	9.381	41	25165	24.351	ug/l	83
49) 1,4-Dioxane	9.387	88	6014	451.988	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	138465	117.449	ug/l	96
52) Toluene	10.334	92	135476	23.014	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	66357	22.790	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	79656	22.743	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	41956	24.804	ug/l	91
56) Ethyl methacrylate	10.599	69	45214	22.559	ug/l	89
57) 1,3-Dichloropropane	10.875	76	68587	23.861	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	113306	122.584	ug/l	92
59) 2-Hexanone	10.922	43	97404	118.465	ug/l	94
60) Dibromochloromethane	11.069	129	52667	23.834	ug/l	99
61) 1,2-Dibromoethane	11.175	107	38252	24.138	ug/l	95
64) Tetrachloroethene	10.810	164	45558	21.670	ug/l	93
65) Chlorobenzene	11.604	112	153619	22.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	51408	22.632	ug/l	100
67) Ethyl Benzene	11.681	91	234771	20.772	ug/l	100
68) m/p-Xylenes	11.793	106	192908	43.021	ug/l	94
69) o-Xylene	12.116	106	88082	21.431	ug/l	93
70) Styrene	12.134	104	160685	22.300	ug/l	98
71) Bromoform	12.298	173	30553	23.793	ug/l #	97
73) Isopropylbenzene	12.416	105	222809	20.574	ug/l	100
74) N-amyl acetate	12.228	43	51948	21.693	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	49496	23.401	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	29249m	20.552	ug/l	
77) Bromobenzene	12.698	156	59420	21.765	ug/l	91
78) n-propylbenzene	12.757	91	280699	20.625	ug/l	97
79) 2-Chlorotoluene	12.845	91	157973	20.846	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	191111	21.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	16596	22.241	ug/l	99
82) 4-Chlorotoluene	12.945	91	170952	21.639	ug/l	96
83) tert-Butylbenzene	13.163	119	159682	20.485	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	193168	21.061	ug/l	99
85) sec-Butylbenzene	13.345	105	242451	20.098	ug/l	99
86) p-Isopropyltoluene	13.457	119	208144	20.703	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	121167	21.426	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	121508	21.855	ug/l	96
89) n-Butylbenzene	13.787	91	185857	20.080	ug/l	99
90) Hexachloroethane	14.051	117	44626	21.150	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	106392	22.013	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6110	21.710	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	63623	20.894	ug/l	98
94) Hexachlorobutadiene	15.198	225	33395	20.320	ug/l	93
95) Naphthalene	15.328	128	113556	21.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	57055	21.300	ug/l	96

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

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