

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078117.D
 Acq On : 02 Jan 2024 11:12
 Operator : RP/MD
 Sample : VD0102SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0102SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Quant Time: Jan 03 00:04:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	175614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68184	43.636	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.280%		
35) Dibromofluoromethane	7.811	113	81895	46.240	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.480%		
50) Toluene-d8	10.269	98	296747	47.618	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.575	95	93314	46.537	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24936	16.568	ug/l	96
3) Chloromethane	2.152	50	29611	14.266	ug/l	93
4) Vinyl Chloride	2.287	62	44248	14.143	ug/l	98
5) Bromomethane	2.693	94	35716	14.238	ug/l	99
6) Chloroethane	2.840	64	33283	14.477	ug/l	89
7) Trichlorofluoromethane	3.181	101	48088	15.969	ug/l	92
8) Diethyl Ether	3.599	74	12701	15.381	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	30299	16.154	ug/l	96
10) Methyl Iodide	4.170	142	26938	15.284	ug/l #	88
11) Tert butyl alcohol	5.046	59	7070	84.270	ug/l	100
12) 1,1-Dichloroethene	3.946	96	26083	15.717	ug/l	94
13) Acrolein	3.799	56	8088	98.278	ug/l	96
14) Allyl chloride	4.570	41	29034	14.474	ug/l #	90
15) Acrylonitrile	5.252	53	26758	77.465	ug/l	94
16) Acetone	4.028	43	36324	96.851	ug/l	93
17) Carbon Disulfide	4.281	76	58070	14.161	ug/l	98
18) Methyl Acetate	4.570	43	18210	14.220	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	61443	16.728	ug/l	92
20) Methylene Chloride	4.811	84	38126	17.865	ug/l	92
21) trans-1,2-Dichloroethene	5.317	96	30515	15.996	ug/l	97
22) Diisopropyl ether	6.228	45	71641	15.989	ug/l	94
23) Vinyl Acetate	6.158	43	137434	80.231	ug/l	94
24) 1,1-Dichloroethane	6.117	63	51745	15.605	ug/l	94
25) 2-Butanone	7.087	43	38726	85.346	ug/l	87
26) 2,2-Dichloropropane	7.081	77	47524	15.953	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	36695	16.213	ug/l	97
28) Bromochloromethane	7.428	49	18994	16.011	ug/l	97
29) Tetrahydrofuran	7.446	42	18774	77.614	ug/l	92
30) Chloroform	7.599	83	59199	16.474	ug/l	94
31) Cyclohexane	7.881	56	37606	15.086	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	50545	16.367	ug/l	98
36) 1,1-Dichloropropene	8.011	75	40532	16.265	ug/l	99
37) Ethyl Acetate	7.169	43	12881	15.542	ug/l #	75
38) Carbon Tetrachloride	7.999	117	45070	16.691	ug/l	92
39) Methylcyclohexane	9.275	83	45467	15.914	ug/l	96
40) Benzene	8.252	78	115399	16.067	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9123m	17.399	ug/l	
42) 1,2-Dichloroethane	8.328	62	32345	16.664	ug/l	95
43) Isopropyl Acetate	8.363	43	25806	15.552	ug/l	95
44) Trichloroethene	9.034	130	36106	17.473	ug/l	93
45) 1,2-Dichloropropane	9.305	63	29596	16.262	ug/l	97
46) Dibromomethane	9.399	93	17352	17.023	ug/l	98
47) Bromodichloromethane	9.587	83	44045	16.634	ug/l	96
48) Methyl methacrylate	9.381	41	15102	16.149	ug/l #	80
49) 1,4-Dioxane	9.381	88	3314	343.911	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	70451	82.745	ug/l	94
52) Toluene	10.334	92	78532	16.858	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	38538	16.042	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	47855	16.588	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	24672	17.200	ug/l	92
56) Ethyl methacrylate	10.599	69	18316	16.090	ug/l	94
57) 1,3-Dichloropropane	10.881	76	38313	16.256	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	47847	97.082	ug/l	98
59) 2-Hexanone	10.922	43	57959	87.637	ug/l	89
60) Dibromochloromethane	11.075	129	32246	17.646	ug/l	98
61) 1,2-Dibromoethane	11.181	107	23182	16.857	ug/l	97
64) Tetrachloroethene	10.810	164	29397	17.384	ug/l	96
65) Chlorobenzene	11.610	112	90187	16.963	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	34785	17.286	ug/l	95
67) Ethyl Benzene	11.687	91	150383	16.225	ug/l	98
68) m/p-Xylenes	11.793	106	117516	32.578	ug/l	94
69) o-Xylene	12.122	106	53930	16.041	ug/l	92
70) Styrene	12.134	104	81762	16.471	ug/l	96
71) Bromoform	12.299	173	18941	17.061	ug/l #	99
73) Isopropylbenzene	12.422	105	146160	16.807	ug/l	98
74) N-amyl acetate	12.234	43	23255	16.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	25803	16.325	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	18411m	17.283	ug/l	
77) Bromobenzene	12.698	156	36343	17.179	ug/l	97
78) n-propylbenzene	12.763	91	175421	16.758	ug/l	99
79) 2-Chlorotoluene	12.851	91	95538	16.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	122499	17.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7898	15.976	ug/l	93
82) 4-Chlorotoluene	12.946	91	101114	16.657	ug/l	98
83) tert-Butylbenzene	13.169	119	108766	16.880	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	120737	16.479	ug/l	100
85) sec-Butylbenzene	13.346	105	157552	17.127	ug/l	97
86) p-Isopropyltoluene	13.463	119	140911	17.117	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	74942	17.121	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	75220	17.522	ug/l	97
89) n-Butylbenzene	13.787	91	131602	17.416	ug/l	97
90) Hexachloroethane	14.051	117	28733	17.458	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	63888	16.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3570	16.127	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	41850	17.052	ug/l	100
94) Hexachlorobutadiene	15.198	225	26547	19.252	ug/l	98
95) Naphthalene	15.334	128	71039	17.002	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	36522	17.538	ug/l	99

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

