

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079795.D
 Acq On : 06 Sep 2024 13:33
 Operator : RP/MD
 Sample : VD0906SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0906SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024

Quant Time: Sep 06 23:57:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	100132	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	209521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73093	53.537	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.080%			
35) Dibromofluoromethane	7.810	113	65231	47.898	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.800%			
50) Toluene-d8	10.269	98	288867	49.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.569	95	80834	49.462	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 98.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	25538	21.240	ug/l	95
3) Chloromethane	2.146	50	54664	21.824	ug/l	99
4) Vinyl Chloride	2.281	62	64326	21.317	ug/l	99
5) Bromomethane	2.681	94	45191	21.634	ug/l	99
6) Chloroethane	2.834	64	44119	21.566	ug/l	94
7) Trichlorofluoromethane	3.175	101	47782	20.977	ug/l	95
8) Diethyl Ether	3.587	74	14495	20.058	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.958	101	24913	19.534	ug/l #	89
10) Methyl Iodide	4.164	142	22795	15.512	ug/l #	87
11) Tert butyl alcohol	5.052	59	7820	116.144	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	25329	18.916	ug/l	90
13) Acrolein	3.799	56	10767	82.025	ug/l	96
14) Allyl chloride	4.558	41	41044	20.805	ug/l #	84
15) Acrylonitrile	5.252	53	34763	106.677	ug/l	97
16) Acetone	4.022	43	35342	124.741	ug/l	97
17) Carbon Disulfide	4.264	76	89652	18.310	ug/l	98
18) Methyl Acetate	4.564	43	15555	19.153	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	58724	20.039	ug/l	93
20) Methylene Chloride	4.799	84	43675	24.274	ug/l #	80
21) trans-1,2-Dichloroethene	5.311	96	27248	18.334	ug/l #	74
22) Diisopropyl ether	6.216	45	87563	21.091	ug/l #	91
23) Vinyl Acetate	6.158	43	249738	112.783	ug/l #	87
24) 1,1-Dichloroethane	6.116	63	54262	19.987	ug/l	91
25) 2-Butanone	7.087	43	41739	110.427	ug/l	91
26) 2,2-Dichloropropane	7.075	77	43321	20.509	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	32323	18.963	ug/l	83
28) Bromochloromethane	7.428	49	24201	20.056	ug/l #	59
29) Tetrahydrofuran	7.440	42	24472	104.675	ug/l #	82
30) Chloroform	7.593	83	54564	20.245	ug/l	93
31) Cyclohexane	7.881	56	44698	19.583	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	44499	19.822	ug/l	94
36) 1,1-Dichloropropene	8.005	75	37188	18.423	ug/l	93
37) Ethyl Acetate	7.169	43	16863	18.904	ug/l #	86
38) Carbon Tetrachloride	7.987	117	40658	18.886	ug/l	99
39) Methylcyclohexane	9.275	83	43319	17.623	ug/l #	83
40) Benzene	8.252	78	122025	18.127	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11046	21.640	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	31722	19.214	ug/l	93
43) Isopropyl Acetate	8.363	43	33202	19.951	ug/l #	94
44) Trichloroethene	9.028	130	23988	16.697	ug/l	81
45) 1,2-Dichloropropane	9.305	63	30714	18.900	ug/l	99
46) Dibromomethane	9.393	93	16032	18.649	ug/l #	82
47) Bromodichloromethane	9.581	83	39207	18.263	ug/l	97
48) Methyl methacrylate	9.381	41	14587	18.160	ug/l #	83
49) 1,4-Dioxane	9.387	88	3566	412.890	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	89091	102.490	ug/l	90
52) Toluene	10.334	92	74911	18.399	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	37766	18.660	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	43839	18.184	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	19409	17.258	ug/l	96
56) Ethyl methacrylate	10.599	69	25394	18.021	ug/l #	78
57) 1,3-Dichloropropane	10.875	76	36647	18.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	55997	96.880	ug/l #	86
59) 2-Hexanone	10.916	43	62714	106.063	ug/l	90
60) Dibromochloromethane	11.075	129	26021	18.811	ug/l	97
61) 1,2-Dibromoethane	11.181	107	17724	17.983	ug/l	98
64) Tetrachloroethene	10.810	164	18970	16.787	ug/l	88
65) Chlorobenzene	11.604	112	76542	17.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	24710	17.623	ug/l	97
67) Ethyl Benzene	11.681	91	133478	17.739	ug/l	99
68) m/p-Xylenes	11.793	106	103529	35.842	ug/l	86
69) o-Xylene	12.116	106	47186	17.528	ug/l	86
70) Styrene	12.134	104	85754	18.250	ug/l	95
71) Bromoform	12.298	173	12842	18.263	ug/l #	98
73) Isopropylbenzene	12.422	105	121928	18.281	ug/l	98
74) N-amyl acetate	12.228	43	33174	20.927	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	24080	18.808	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	21455m	26.786	ug/l	
77) Bromobenzene	12.698	156	26711	17.994	ug/l	75
78) n-propylbenzene	12.763	91	158524	19.234	ug/l	95
79) 2-Chlorotoluene	12.846	91	85146	18.545	ug/l	89
80) 1,3,5-Trimethylbenzene	12.898	105	104378	18.824	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	9042	18.829	ug/l	91
82) 4-Chlorotoluene	12.946	91	94362	19.732	ug/l	91
83) tert-Butylbenzene	13.163	119	85349	18.522	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	103279	18.055	ug/l	97
85) sec-Butylbenzene	13.345	105	131626	18.684	ug/l	99
86) p-Isopropyltoluene	13.457	119	109852	18.825	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	55664	17.467	ug/l	93
88) 1,4-Dichlorobenzene	13.534	146	58377	18.321	ug/l	97
89) n-Butylbenzene	13.787	91	107343	19.019	ug/l	97
90) Hexachloroethane	14.051	117	21397	17.962	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	49314	18.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3566	19.077	ug/l	69
93) 1,2,4-Trichlorobenzene	15.092	180	26784	17.869	ug/l	95
94) Hexachlorobutadiene	15.198	225	13082	18.149	ug/l	95
95) Naphthalene	15.328	128	54316	17.857	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.516	180	22975	17.541	ug/l	97

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

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