

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076507.D
 Acq On : 21 Jun 2023 12:23
 Operator : KP/SY
 Sample : VD0621SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 01:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	127583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57780	45.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.400%
35) Dibromofluoromethane	7.805	113	63296	50.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.269	98	232514	49.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.575	95	77183	50.346	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	22472	23.180	ug/l	99
3) Chloromethane	2.146	50	38570	19.130	ug/l	93
4) Vinyl Chloride	2.275	62	46135	20.512	ug/l	97
5) Bromomethane	2.670	94	30150	20.617	ug/l	100
6) Chloroethane	2.828	64	31127	20.192	ug/l	92
7) Trichlorofluoromethane	3.170	101	40489	21.875	ug/l	86
8) Diethyl Ether	3.587	74	13463	19.327	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.964	101	26721	22.417	ug/l	96
10) Methyl Iodide	4.158	142	27763	19.645	ug/l #	88
11) Tert butyl alcohol	5.052	59	10368m	93.942	ug/l	
12) 1,1-Dichloroethene	3.934	96	23980	20.541	ug/l #	79
13) Acrolein	3.793	56	11785	99.137	ug/l	94
14) Allyl chloride	4.558	41	42559	19.934	ug/l #	86
15) Acrylonitrile	5.252	53	32808	91.592	ug/l	92
16) Acetone	4.022	43	29538	97.107	ug/l	91
17) Carbon Disulfide	4.264	76	60243	18.886	ug/l	98
18) Methyl Acetate	4.558	43	28394	20.255	ug/l #	80
19) Methyl tert-butyl Ether	5.311	73	61901	19.384	ug/l	93
20) Methylene Chloride	4.793	84	45713	22.546	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	26402	19.567	ug/l	87
22) Diisopropyl ether	6.216	45	89866	19.466	ug/l #	92
23) Vinyl Acetate	6.152	43	206703	90.330	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	51742	20.071	ug/l	94
25) 2-Butanone	7.081	43	45639	97.007	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	43261	19.464	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	33268	20.372	ug/l	89
28) Bromochloromethane	7.428	49	16317	20.780	ug/l #	77
29) Tetrahydrofuran	7.446	42	29021	95.985	ug/l #	78
30) Chloroform	7.587	83	52414	20.534	ug/l	87
31) Cyclohexane	7.875	56	43881	21.370	ug/l	89
32) 1,1,1-Trichloroethane	7.787	97	42221	20.462	ug/l	94
36) 1,1-Dichloropropene	8.005	75	38730	22.205	ug/l	97
37) Ethyl Acetate	7.175	43	17938	17.748	ug/l #	97
38) Carbon Tetrachloride	7.987	117	36073	23.139	ug/l	97
39) Methylcyclohexane	9.269	83	45185	22.075	ug/l	92
40) Benzene	8.246	78	111768	21.013	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13983	24.500	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	32783	22.810	ug/l	92
43) Isopropyl Acetate	8.357	43	38766	20.259	ug/l #	86
44) Trichloroethene	9.028	130	31110	21.681	ug/l	98
45) 1,2-Dichloropropane	9.304	63	30943	21.456	ug/l	95
46) Dibromomethane	9.393	93	16467	21.314	ug/l	95
47) Bromodichloromethane	9.581	83	39151	21.176	ug/l #	96
48) Methyl methacrylate	9.375	41	16389	18.687	ug/l #	76
49) 1,4-Dioxane	9.381	88	4284	462.807	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	101887	104.165	ug/l #	83
52) Toluene	10.334	92	73466	22.010	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	38098	20.308	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	47450	21.333	ug/l #	79
55) 1,1,2-Trichloroethane	10.728	97	24126	22.325	ug/l	93
56) Ethyl methacrylate	10.599	69	29996	21.258	ug/l #	71
57) 1,3-Dichloropropane	10.875	76	39637	21.423	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	65084	108.795	ug/l	92
59) 2-Hexanone	10.922	43	72156	106.051	ug/l	81
60) Dibromochloromethane	11.075	129	27409	21.794	ug/l	97
61) 1,2-Dibromoethane	11.175	107	21483	21.177	ug/l	98
64) Tetrachloroethene	10.810	164	26549	22.770	ug/l	94
65) Chlorobenzene	11.604	112	82287	22.299	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29875	22.637	ug/l	95
67) Ethyl Benzene	11.681	91	141204	21.595	ug/l	96
68) m/p-Xylenes	11.793	106	107538	42.131	ug/l	89
69) o-Xylene	12.122	106	52280	21.517	ug/l	96
70) Styrene	12.134	104	88981	21.200	ug/l	95
71) Bromoform	12.298	173	17769	22.424	ug/l #	99
73) Isopropylbenzene	12.422	105	140369	21.906	ug/l	95
74) N-amyl acetate	12.234	43	36050	19.218	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	28930	21.879	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	17963m	19.017	ug/l	
77) Bromobenzene	12.698	156	33317	21.076	ug/l	92
78) n-propylbenzene	12.763	91	171488	21.675	ug/l	96
79) 2-Chlorotoluene	12.851	91	93200	21.452	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	112906	21.576	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	7623	17.684	ug/l #	83
82) 4-Chlorotoluene	12.945	91	97827	21.681	ug/l	94
83) tert-Butylbenzene	13.169	119	100529	21.621	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	114363	21.687	ug/l	98
85) sec-Butylbenzene	13.345	105	154763	22.430	ug/l	96
86) p-Isopropyltoluene	13.463	119	125346	21.741	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	68528	22.069	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	65802	21.247	ug/l	97
89) n-Butylbenzene	13.787	91	125551	22.326	ug/l	98
90) Hexachloroethane	14.051	117	22581	21.224	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	59390	21.887	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3994	20.068	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	37598	20.791	ug/l	98
94) Hexachlorobutadiene	15.204	225	20566	23.392	ug/l	94
95) Naphthalene	15.328	128	72788	20.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	34429	21.852	ug/l	98

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

