

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076553.D
 Acq On : 23 Jun 2023 12:35
 Operator : KP/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 16:32:28 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	123783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	208569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188675	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57868	46.660	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.320%		
35) Dibromofluoromethane	7.805	113	63553	51.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.580%		
50) Toluene-d8	10.269	98	234527	49.910	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.820%		
62) 4-Bromofluorobenzene	12.575	95	78901	51.737	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	17807	18.932	ug/l	95
3) Chloromethane	2.146	50	32203	16.462	ug/l	97
4) Vinyl Chloride	2.281	62	37052	16.980	ug/l	92
5) Bromomethane	2.681	94	26214	18.476	ug/l	95
6) Chloroethane	2.828	64	28613	19.131	ug/l	97
7) Trichlorofluoromethane	3.170	101	35560	19.802	ug/l	93
8) Diethyl Ether	3.587	74	11325	16.757	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.958	101	21924	18.957	ug/l	93
10) Methyl Iodide	4.158	142	23868	17.408	ug/l	90
11) Tert butyl alcohol	5.069	59	8954	83.621	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	21696	19.155	ug/l	88
13) Acrolein	3.799	56	10765	93.336	ug/l	94
14) Allyl chloride	4.558	41	36423	17.584	ug/l #	87
15) Acrylonitrile	5.252	53	30528	87.843	ug/l	96
16) Acetone	4.023	43	28445	96.385	ug/l #	77
17) Carbon Disulfide	4.264	76	49092	15.863	ug/l	96
18) Methyl Acetate	4.564	43	24267	17.843	ug/l #	81
19) Methyl tert-butyl Ether	5.317	73	57525	18.567	ug/l	94
20) Methylene Chloride	4.805	84	38749	18.536	ug/l #	79
21) trans-1,2-Dichloroethene	5.299	96	24379	18.622	ug/l	93
22) Diisopropyl ether	6.222	45	81261	18.142	ug/l #	91
23) Vinyl Acetate	6.158	43	156580	70.527	ug/l #	86
24) 1,1-Dichloroethane	6.111	63	46203	18.473	ug/l	92
25) 2-Butanone	7.087	43	41495	90.906	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	41431	19.213	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	29776	18.793	ug/l	86
28) Bromochloromethane	7.422	49	14704	19.150	ug/l #	74
29) Tetrahydrofuran	7.452	42	23666	80.676	ug/l #	81
30) Chloroform	7.593	83	47867	19.328	ug/l	100
31) Cyclohexane	7.881	56	35514	17.589	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	41138	20.549	ug/l	99
36) 1,1-Dichloropropene	8.005	75	34260	19.745	ug/l	97
37) Ethyl Acetate	7.169	43	15779	15.694	ug/l	94
38) Carbon Tetrachloride	7.987	117	33130	21.363	ug/l	87
39) Methylcyclohexane	9.269	83	36396	17.875	ug/l #	89
40) Benzene	8.252	78	99523	18.809	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	10089	17.770	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	29266	20.469	ug/l	95
43) Isopropyl Acetate	8.363	43	34566	18.159	ug/l #	73
44) Trichloroethene	9.022	130	27759	19.448	ug/l	92
45) 1,2-Dichloropropane	9.305	63	27268	19.007	ug/l	98
46) Dibromomethane	9.393	93	15256	19.851	ug/l	93
47) Bromodichloromethane	9.581	83	37272	20.266	ug/l	93
48) Methyl methacrylate	9.381	41	16569	18.991	ug/l #	67
49) 1,4-Dioxane	9.381	88	3460	375.751	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	90945	93.466	ug/l #	84
52) Toluene	10.334	92	65091	19.603	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	34622	18.552	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	40310	18.218	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	20440	19.013	ug/l #	90
56) Ethyl methacrylate	10.599	69	25631	18.260	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	34891	18.957	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	56991	95.767	ug/l	93
59) 2-Hexanone	10.922	43	65068	96.135	ug/l	81
60) Dibromochloromethane	11.075	129	25538	20.413	ug/l	96
61) 1,2-Dibromoethane	11.181	107	19530	19.353	ug/l	99
64) Tetrachloroethene	10.810	164	22888	20.209	ug/l	85
65) Chlorobenzene	11.610	112	72306	20.172	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	26234	20.465	ug/l	96
67) Ethyl Benzene	11.687	91	127744	20.113	ug/l	96
68) m/p-Xylenes	11.793	106	100405	40.497	ug/l	93
69) o-Xylene	12.122	106	48339	20.482	ug/l	93
70) Styrene	12.134	104	79708	19.551	ug/l	94
71) Bromoform	12.293	173	15638	20.317	ug/l #	99
73) Isopropylbenzene	12.422	105	124800	18.709	ug/l	96
74) N-amyl acetate	12.234	43	32944	16.870	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	24346	17.687	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	21082m	21.440	ug/l	
77) Bromobenzene	12.704	156	29740	18.071	ug/l	90
78) n-propylbenzene	12.763	91	153698	18.661	ug/l	98
79) 2-Chlorotoluene	12.851	91	83420	18.444	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	101245	18.586	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7579	16.889	ug/l #	86
82) 4-Chlorotoluene	12.951	91	85829	18.273	ug/l	98
83) tert-Butylbenzene	13.163	119	93791	19.377	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	105673	19.249	ug/l	95
85) sec-Butylbenzene	13.346	105	137086	19.085	ug/l	98
86) p-Isopropyltoluene	13.457	119	114929	19.148	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	63587	19.671	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	61318	19.019	ug/l	94
89) n-Butylbenzene	13.787	91	112345	19.191	ug/l	97
90) Hexachloroethane	14.051	117	20592	18.592	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	51683	18.296	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4206	20.301	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	32987	17.522	ug/l	99
94) Hexachlorobutadiene	15.204	225	18057	19.729	ug/l	98
95) Naphthalene	15.334	128	65236	17.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	31052	18.932	ug/l	97

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

