

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075308.D
 Acq On : 10 Feb 2023 14:10
 Operator : KP/SY
 Sample : VD0210SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0210SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:38:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	47862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	79064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	71191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29278	52.168	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.340%			
35) Dibromofluoromethane	7.805	113	28998	52.306	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.620%			
50) Toluene-d8	10.269	98	105801	50.322	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.640%			
62) 4-Bromofluorobenzene	12.575	95	35585	51.330	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	9980	24.042	ug/l	100
3) Chloromethane	2.146	50	16461	21.658	ug/l	100
4) Vinyl Chloride	2.281	62	16024	20.124	ug/l	99
5) Bromomethane	2.675	94	10430	20.472	ug/l	100
6) Chloroethane	2.828	64	11266	20.509	ug/l	99
7) Trichlorofluoromethane	3.175	101	20606	20.813	ug/l	100
8) Diethyl Ether	3.593	74	5423	20.376	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	11944	21.259	ug/l	98
10) Methyl Iodide	4.164	142	11476	18.550	ug/l	90
11) Tert butyl alcohol	5.064	59	2981m	82.152	ug/l	
12) 1,1-Dichloroethene	3.940	96	11194	20.896	ug/l	97
13) Acrolein	3.793	56	2816	145.113	ug/l	96
14) Allyl chloride	4.558	41	17961	20.152	ug/l	92
15) Acrylonitrile	5.258	53	12905	99.642	ug/l	98
16) Acetone	4.022	43	14342	96.645	ug/l	96
17) Carbon Disulfide	4.275	76	33709	20.397	ug/l #	95
18) Methyl Acetate	4.564	43	9187	21.667	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	24987	20.317	ug/l	99
20) Methylene Chloride	4.799	84	16623	23.374	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	12501	20.622	ug/l	95
22) Diisopropyl ether	6.210	45	36444	20.557	ug/l	93
23) Vinyl Acetate	6.152	43	51449	97.558	ug/l #	94
24) 1,1-Dichloroethane	6.111	63	22531	20.385	ug/l	98
25) 2-Butanone	7.081	43	17923	97.473	ug/l	96
26) 2,2-Dichloropropane	7.069	77	19597	20.031	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	14170	20.894	ug/l	98
28) Bromochloromethane	7.422	49	7063	23.509	ug/l #	98
29) Tetrahydrofuran	7.446	42	10543	106.478	ug/l	94
30) Chloroform	7.599	83	23965	21.066	ug/l	92
31) Cyclohexane	7.875	56	19669	19.737	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	20902	20.541	ug/l	97
36) 1,1-Dichloropropene	8.005	75	17855	20.675	ug/l	99
37) Ethyl Acetate	7.169	43	7912	21.006	ug/l #	93
38) Carbon Tetrachloride	7.993	117	16590	20.731	ug/l	98
39) Methylcyclohexane	9.275	83	20160	20.168	ug/l	99
40) Benzene	8.252	78	50725	20.898	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3548	15.791	ug/l	96
42) 1,2-Dichloroethane	8.328	62	14305	20.357	ug/l	98
43) Isopropyl Acetate	8.363	43	14601	20.288	ug/l #	80
44) Trichloroethene	9.028	130	13687	20.457	ug/l	90
45) 1,2-Dichloropropane	9.304	63	13071	21.204	ug/l	98
46) Dibromomethane	9.393	93	7145	20.916	ug/l	94
47) Bromodichloromethane	9.587	83	17558	20.652	ug/l #	98
48) Methyl methacrylate	9.381	41	7399	21.648	ug/l	88
49) 1,4-Dioxane	9.387	88	1275	402.531	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	38051	104.581	ug/l	92
52) Toluene	10.334	92	32161	21.037	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	14859	20.177	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	17805	20.222	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	9238	21.185	ug/l	97
56) Ethyl methacrylate	10.599	69	10612	20.933	ug/l	96
57) 1,3-Dichloropropane	10.881	76	15766	21.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	15606	115.383	ug/l	98
59) 2-Hexanone	10.922	43	26604	100.084	ug/l	93
60) Dibromochloromethane	11.075	129	11187	20.706	ug/l	97
61) 1,2-Dibromoethane	11.181	107	8816	20.967	ug/l	98
64) Tetrachloroethene	10.810	164	11239	20.498	ug/l	94
65) Chlorobenzene	11.610	112	33595	20.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	11763	20.124	ug/l	100
67) Ethyl Benzene	11.687	91	62172	20.976	ug/l	100
68) m/p-Xylenes	11.793	106	47070	41.748	ug/l	99
69) o-Xylene	12.122	106	21928	20.821	ug/l	98
70) Styrene	12.140	104	37200	20.852	ug/l	97
71) Bromoform	12.298	173	6538	20.824	ug/l #	98
73) Isopropylbenzene	12.422	105	57890	19.586	ug/l	98
74) N-amyl acetate	12.234	43	13029	19.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	10685	20.779	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	8175m	19.727	ug/l	
77) Bromobenzene	12.704	156	13299	19.871	ug/l	95
78) n-propylbenzene	12.769	91	73348	19.944	ug/l	98
79) 2-Chlorotoluene	12.851	91	39864	19.761	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	49669	20.183	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	2470	20.631	ug/l	89
82) 4-Chlorotoluene	12.951	91	42388	20.143	ug/l	99
83) tert-Butylbenzene	13.169	119	41127	19.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	49396	20.096	ug/l	99
85) sec-Butylbenzene	13.345	105	66044	20.292	ug/l	98
86) p-Isopropyltoluene	13.463	119	53985	20.276	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	26827	19.831	ug/l	93
88) 1,4-Dichlorobenzene	13.540	146	28312	20.916	ug/l	99
89) n-Butylbenzene	13.792	91	51359	19.759	ug/l	98
90) Hexachloroethane	14.051	117	10779	20.535	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	24826	21.151	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1536	19.259	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	14782	20.108	ug/l	99
94) Hexachlorobutadiene	15.204	225	7709	19.877	ug/l	95
95) Naphthalene	15.334	128	26820	19.602	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	12289	19.375	ug/l	96

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

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

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