

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074711.D
 Acq On : 03 Nov 2022 12:59
 Operator : VA/SY
 Sample : VD1103SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1103SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 00:01:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51838	50.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.300%			
35) Dibromofluoromethane	7.804	113	63304	49.499	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.000%			
50) Toluene-d8	10.269	98	228925	49.073	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.569	95	65803	48.854	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	20232	19.062	ug/l	95
3) Chloromethane	2.146	50	32113	18.959	ug/l	98
4) Vinyl Chloride	2.281	62	35614	19.174	ug/l	99
5) Bromomethane	2.675	94	31141	22.127	ug/l	97
6) Chloroethane	2.828	64	25826	20.060	ug/l	96
7) Trichlorofluoromethane	3.169	101	42203	19.557	ug/l	100
8) Diethyl Ether	3.593	74	12784	20.279	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	26755	19.518	ug/l	97
10) Methyl Iodide	4.158	142	28014	19.562	ug/l	99
11) Tert butyl alcohol	5.040	59	18543	141.817	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	26859	19.292	ug/l	94
13) Acrolein	3.799	56	8678	123.188	ug/l	97
14) Allyl chloride	4.563	41	30076	20.417	ug/l	99
15) Acrylonitrile	5.252	53	28534	114.545	ug/l	100
16) Acetone	4.022	43	21406	100.217	ug/l	90
17) Carbon Disulfide	4.263	76	79690	18.981	ug/l #	94
18) Methyl Acetate	4.563	43	15205	23.540	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	57629	21.765	ug/l	98
20) Methylene Chloride	4.799	84	46347	18.440	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	30830	20.148	ug/l	97
22) Diisopropyl ether	6.216	45	66611	21.909	ug/l	93
23) Vinyl Acetate	6.158	43	149525m	115.672	ug/l	
24) 1,1-Dichloroethane	6.110	63	47037	20.227	ug/l	97
25) 2-Butanone	7.081	43	32398	110.315	ug/l	99
26) 2,2-Dichloropropane	7.075	77	42593	19.906	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	34177	20.248	ug/l	98
28) Bromochloromethane	7.428	49	16210	22.089	ug/l	94
29) Tetrahydrofuran	7.446	42	19122	113.531	ug/l	95
30) Chloroform	7.593	83	51186	20.604	ug/l	94
31) Cyclohexane	7.875	56	39429	19.027	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	44531	20.291	ug/l	97
36) 1,1-Dichloropropene	8.004	75	38027	19.589	ug/l	99
37) Ethyl Acetate	7.169	43	15192	23.460	ug/l	98
38) Carbon Tetrachloride	7.987	117	34808	18.926	ug/l	95
39) Methylcyclohexane	9.275	83	45107	19.099	ug/l	94
40) Benzene	8.252	78	114759	20.001	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7041	21.059	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	28617	21.695	ug/l	99
43) Isopropyl Acetate	8.363	43	26053	21.622	ug/l	94
44) Trichloroethene	9.028	130	32739	20.027	ug/l	93
45) 1,2-Dichloropropane	9.304	63	27415	21.604	ug/l	90
46) Dibromomethane	9.393	93	15958	21.701	ug/l	95
47) Bromodichloromethane	9.581	83	38592	21.798	ug/l	96
48) Methyl methacrylate	9.381	41	12379	23.055	ug/l	91
49) 1,4-Dioxane	9.381	88	3834	516.984	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	67004	114.672	ug/l	97
52) Toluene	10.334	92	67718	19.276	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	31851	20.341	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	41429	21.085	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	20406	20.426	ug/l	95
56) Ethyl methacrylate	10.598	69	22634	20.264	ug/l	94
57) 1,3-Dichloropropane	10.875	76	32184	19.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	32050	128.032	ug/l	98
59) 2-Hexanone	10.922	43	41071	102.181	ug/l	99
60) Dibromochloromethane	11.075	129	23602	19.789	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19587	20.805	ug/l	100
64) Tetrachloroethene	10.810	164	23750	19.008	ug/l	95
65) Chlorobenzene	11.604	112	71888	20.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	24779	20.851	ug/l	97
67) Ethyl Benzene	11.681	91	123092	19.831	ug/l	98
68) m/p-Xylenes	11.793	106	99446	40.355	ug/l	99
69) o-Xylene	12.122	106	46688	20.608	ug/l	94
70) Styrene	12.134	104	80812	21.055	ug/l	99
71) Bromoform	12.298	173	14181	22.282	ug/l #	100
73) Isopropylbenzene	12.422	105	118638	19.490	ug/l	99
74) N-amyl acetate	12.234	43	21688	21.936	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	22451	21.950	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	14309m	22.155	ug/l	
77) Bromobenzene	12.698	156	28575	20.388	ug/l	95
78) n-propylbenzene	12.763	91	146705	20.118	ug/l	98
79) 2-Chlorotoluene	12.845	91	80045	20.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	99490	20.033	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6205	22.805	ug/l	97
82) 4-Chlorotoluene	12.945	91	83708	20.496	ug/l	98
83) tert-Butylbenzene	13.163	119	86256	19.709	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	101032	20.618	ug/l	98
85) sec-Butylbenzene	13.345	105	130640	19.786	ug/l	99
86) p-Isopropyltoluene	13.457	119	109995	19.780	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	58458	20.115	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	57241	20.036	ug/l	99
89) n-Butylbenzene	13.787	91	100342	19.730	ug/l	98
90) Hexachloroethane	14.051	117	19209	20.148	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	51780	20.918	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3029	21.423	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	30899	20.217	ug/l	98
94) Hexachlorobutadiene	15.204	225	15796	19.757	ug/l	98
95) Naphthalene	15.328	128	60411	20.579	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	26496	19.702	ug/l	98

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

