

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074892.D
 Acq On : 11 Nov 2022 15:37
 Operator : VA/SY
 Sample : VD1111SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 00:56:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52828	46.968	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.940%		
35) Dibromofluoromethane	7.805	113	75257	48.998	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.000%		
50) Toluene-d8	10.269	98	243387	48.106	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.575	95	77881	50.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	25011	20.816	ug/l	91
3) Chloromethane	2.146	50	38469	19.572	ug/l	93
4) Vinyl Chloride	2.275	62	47001	19.953	ug/l	93
5) Bromomethane	2.675	94	42827	23.691	ug/l	96
6) Chloroethane	2.828	64	34771	20.101	ug/l	92
7) Trichlorofluoromethane	3.170	101	55517	20.685	ug/l	98
8) Diethyl Ether	3.593	74	15395	20.006	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	33829	19.752	ug/l	99
10) Methyl Iodide	4.158	142	33246	19.535	ug/l	100
11) Tert butyl alcohol	5.052	59	11280m	131.198	ug/l	
12) 1,1-Dichloroethene	3.940	96	33603	20.142	ug/l	90
13) Acrolein	3.799	56	6886	133.740	ug/l	100
14) Allyl chloride	4.558	41	35876	20.104	ug/l	100
15) Acrylonitrile	5.258	53	29446	97.921	ug/l	99
16) Acetone	4.017	43	25891	93.360	ug/l	94
17) Carbon Disulfide	4.264	76	91566	19.294	ug/l	99
18) Methyl Acetate	4.564	43	16400	21.468	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	66056	19.777	ug/l	97
20) Methylene Chloride	4.799	84	65174	19.630	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	37476	19.809	ug/l	90
22) Diisopropyl ether	6.211	45	80378	20.209	ug/l	95
23) Vinyl Acetate	6.158	43	168150	98.501	ug/l	100
24) 1,1-Dichloroethane	6.111	63	59436	20.010	ug/l	95
25) 2-Butanone	7.081	43	34780	95.905	ug/l	94
26) 2,2-Dichloropropane	7.075	77	56053	20.081	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	42351	20.178	ug/l	98
28) Bromochloromethane	7.428	49	18857	19.678	ug/l	94
29) Tetrahydrofuran	7.440	42	19437	96.829	ug/l	98
30) Chloroform	7.599	83	65323	20.081	ug/l	99
31) Cyclohexane	7.875	56	46747	19.087	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	58033	20.701	ug/l	97
36) 1,1-Dichloropropene	8.005	75	47475	21.032	ug/l	99
37) Ethyl Acetate	7.169	43	16291	21.508	ug/l	97
38) Carbon Tetrachloride	7.993	117	43925	20.673	ug/l	95
39) Methylcyclohexane	9.275	83	49662	20.537	ug/l	96
40) Benzene	8.252	78	127798	19.689	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7857	19.558	ug/l	# 93
42) 1,2-Dichloroethane	8.328	62	29458	18.964	ug/l	99
43) Isopropyl Acetate	8.363	43	25136	18.842	ug/l	99
44) Trichloroethene	9.028	130	36086	21.044	ug/l	94
45) 1,2-Dichloropropane	9.305	63	30359	20.816	ug/l	93
46) Dibromomethane	9.393	93	17195	21.053	ug/l	91
47) Bromodichloromethane	9.587	83	42629	21.030	ug/l	92
48) Methyl methacrylate	9.381	41	11770	19.917	ug/l	98
49) 1,4-Dioxane	9.387	88	3113	388.419	ug/l	# 84
51) 4-Methyl-2-Pentanone	10.157	43	65125	102.400	ug/l	99
52) Toluene	10.334	92	82893	21.360	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	37194	20.771	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	46574	21.209	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	23678	20.849	ug/l	98
56) Ethyl methacrylate	10.599	69	25206	20.113	ug/l	97
57) 1,3-Dichloropropane	10.881	76	38066	20.849	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	39055	95.016	ug/l	96
59) 2-Hexanone	10.922	43	46270	104.362	ug/l	96
60) Dibromochloromethane	11.075	129	28359	21.049	ug/l	100
61) 1,2-Dibromoethane	11.181	107	22170	20.873	ug/l	100
64) Tetrachloroethene	10.810	164	30198	20.001	ug/l	92
65) Chlorobenzene	11.610	112	89161	20.239	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	30581	19.813	ug/l	95
67) Ethyl Benzene	11.687	91	154425	20.121	ug/l	98
68) m/p-Xylenes	11.793	106	124485	40.681	ug/l	99
69) o-Xylene	12.122	106	56438	20.047	ug/l	98
70) Styrene	12.134	104	96355	19.966	ug/l	98
71) Bromoform	12.298	173	15740	19.704	ug/l	# 94
73) Isopropylbenzene	12.422	105	150486	20.352	ug/l	99
74) N-amyl acetate	12.234	43	24119	19.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	25814	19.736	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	17776m	19.783	ug/l	
77) Bromobenzene	12.698	156	35065	20.264	ug/l	95
78) n-propylbenzene	12.763	91	188084	20.693	ug/l	98
79) 2-Chlorotoluene	12.851	91	101082	20.640	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	124846	20.263	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6979	19.107	ug/l	99
82) 4-Chlorotoluene	12.945	91	106803	20.942	ug/l	97
83) tert-Butylbenzene	13.169	119	107981	20.199	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	124758	20.474	ug/l	98
85) sec-Butylbenzene	13.345	105	165970	20.410	ug/l	100
86) p-Isopropyltoluene	13.463	119	138223	20.442	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	73251	20.350	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	72041	20.165	ug/l	98
89) n-Butylbenzene	13.793	91	128117	20.408	ug/l	98
90) Hexachloroethane	14.051	117	24831	20.504	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	61415	20.064	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3492	19.365	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	37294	20.016	ug/l	98
94) Hexachlorobutadiene	15.210	225	19686	20.483	ug/l	96
95) Naphthalene	15.334	128	66622	19.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	31913	19.806	ug/l	99

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

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