

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074844.D
 Acq On : 10 Nov 2022 00:25
 Operator : VA/SY
 Sample : VD1109SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 01:38:30 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	160328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64388	50.706	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.420%			
35) Dibromofluoromethane	7.805	113	88407	54.279	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.560%			
50) Toluene-d8	10.269	98	296486	49.903	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.569	95	92904	54.158	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27760	21.082	ug/l	100
3) Chloromethane	2.146	50	43864	20.875	ug/l	99
4) Vinyl Chloride	2.281	62	51343	22.281	ug/l	96
5) Bromomethane	2.681	94	42164	24.149	ug/l	93
6) Chloroethane	2.834	64	36768	23.020	ug/l	99
7) Trichlorofluoromethane	3.170	101	61469	22.961	ug/l	97
8) Diethyl Ether	3.593	74	17212	22.008	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	38437	22.602	ug/l	99
10) Methyl Iodide	4.164	142	44002	23.289	ug/l	100
12) 1,1-Dichloroethene	3.940	96	38623	22.361	ug/l	96
13) Acrolein	3.793	56	9079	103.885	ug/l	96
14) Allyl chloride	4.558	41	40827	22.340	ug/l	98
15) Acrylonitrile	5.258	53	32891	106.428	ug/l	97
16) Acetone	4.022	43	23062	87.029	ug/l	90
17) Carbon Disulfide	4.275	76	106599	20.467	ug/l	99
18) Methyl Acetate	4.569	43	18857	23.532	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	73495	22.374	ug/l	96
20) Methylene Chloride	4.799	84	51185	14.842	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	43900	23.125	ug/l	86
22) Diisopropyl ether	6.216	45	89156	23.637	ug/l #	95
23) Vinyl Acetate	6.158	43	170882	106.556	ug/l	100
24) 1,1-Dichloroethane	6.116	63	67510	23.400	ug/l	96
25) 2-Butanone	7.081	43	35900	98.531	ug/l	96
26) 2,2-Dichloropropane	7.075	77	58326	21.972	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	48418	23.122	ug/l	99
28) Bromochloromethane	7.422	49	20839	22.889	ug/l	100
29) Tetrahydrofuran	7.440	42	21857	104.601	ug/l	98
30) Chloroform	7.599	83	73613	23.884	ug/l	99
31) Cyclohexane	7.875	56	50068	19.475	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	63177	23.204	ug/l	97
36) 1,1-Dichloropropene	8.010	75	49585	20.056	ug/l	98
37) Ethyl Acetate	7.169	43	16716	20.269	ug/l	96
38) Carbon Tetrachloride	7.999	117	42937	18.332	ug/l	95
39) Methylcyclohexane	9.275	83	57990	19.279	ug/l	96
40) Benzene	8.252	78	147006	20.118	ug/l	100
41) Methacrylonitrile	7.399	41	9373	21.825	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	34435	20.498	ug/l	99
43) Isopropyl Acetate	8.363	43	28678	18.688	ug/l	97
44) Trichloroethene	9.028	130	41013	19.700	ug/l	99
45) 1,2-Dichloropropane	9.305	63	33707	20.857	ug/l	96
46) Dibromomethane	9.399	93	19383	20.696	ug/l	95
47) Bromodichloromethane	9.587	83	48022	21.298	ug/l	98
48) Methyl methacrylate	9.375	41	13421	19.626	ug/l	96
49) 1,4-Dioxane	9.381	88	3509	371.523	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	72474	97.390	ug/l	98
52) Toluene	10.334	92	94834	21.196	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	41098	20.609	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	52656	21.042	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	27454	21.578	ug/l	94
56) Ethyl methacrylate	10.599	69	28675	20.158	ug/l	96
57) 1,3-Dichloropropane	10.881	76	42401	20.686	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	40245	126.424	ug/l	98
59) 2-Hexanone	10.922	43	48125	94.012	ug/l	98
60) Dibromochloromethane	11.075	129	31815	20.946	ug/l	98
61) 1,2-Dibromoethane	11.181	107	25349	21.141	ug/l	97
64) Tetrachloroethene	10.810	164	35422	20.663	ug/l	96
65) Chlorobenzene	11.604	112	102185	21.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	35425	21.727	ug/l	97
67) Ethyl Benzene	11.681	91	179610	21.090	ug/l	97
68) m/p-Xylenes	11.793	106	147003	43.479	ug/l	97
69) o-Xylene	12.122	106	64995	20.910	ug/l	97
70) Styrene	12.134	104	111294	21.134	ug/l	99
71) Bromoform	12.298	173	18118	20.750	ug/l #	99
73) Isopropylbenzene	12.422	105	173096	20.863	ug/l	99
74) N-amyl acetate	12.234	43	26024	19.311	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	28861	20.702	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	18573m	21.098	ug/l	
77) Bromobenzene	12.698	156	40099	20.990	ug/l	95
78) n-propylbenzene	12.763	91	205747	20.700	ug/l	99
79) 2-Chlorotoluene	12.851	91	113777	21.259	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	143406	21.186	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7213	19.449	ug/l	91
82) 4-Chlorotoluene	12.945	91	117184	21.051	ug/l	98
83) tert-Butylbenzene	13.163	119	123931	20.775	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	147048	22.016	ug/l	99
85) sec-Butylbenzene	13.345	105	182257	20.251	ug/l	100
86) p-Isopropyltoluene	13.457	119	152340	20.099	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	81206	20.501	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	78596	20.184	ug/l	98
89) n-Butylbenzene	13.787	91	135855	19.598	ug/l	99
90) Hexachloroethane	14.051	117	26682	20.533	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	70250	20.821	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3725	19.329	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	39671	19.043	ug/l	98
94) Hexachlorobutadiene	15.198	225	20192	18.529	ug/l	98
95) Naphthalene	15.328	128	75607	18.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	35526	19.381	ug/l	99

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

