

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074863.D
 Acq On : 10 Nov 2022 13:06
 Operator : VA/SY
 Sample : VD1101SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1101SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 16:40:07 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	153691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	208591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62582	51.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.805	113	75688	56.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.140%			
50) Toluene-d8	10.269	98	255955	51.978	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.569	95	79159	55.675	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.929	85	25923	20.537	ug/l	96
3) Chloromethane	2.146	50	40440	20.076	ug/l	92
4) Vinyl Chloride	2.281	62	46968	21.262	ug/l	99
5) Bromomethane	2.681	94	38357	22.917	ug/l	98
6) Chloroethane	2.828	64	34056	22.243	ug/l	92
7) Trichlorofluoromethane	3.170	101	55650	21.685	ug/l	97
8) Diethyl Ether	3.587	74	15869	21.167	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	34917	21.419	ug/l	99
10) Methyl Iodide	4.158	142	31688	18.878	ug/l	99
12) 1,1-Dichloroethene	3.934	96	33765	20.393	ug/l	94
13) Acrolein	3.799	56	7650	91.314	ug/l	96
14) Allyl chloride	4.558	41	35680	20.367	ug/l	97
15) Acrylonitrile	5.246	53	30184	101.886	ug/l	99
16) Acetone	4.023	43	26756	105.330	ug/l	99
17) Carbon Disulfide	4.270	76	94170	18.861	ug/l	98
18) Methyl Acetate	4.558	43	16385	21.330	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	66856	21.231	ug/l	97
20) Methylene Chloride	4.799	84	67363	25.719	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	38046	20.907	ug/l	92
22) Diisopropyl ether	6.216	45	82890	22.925	ug/l	97
23) Vinyl Acetate	6.158	43	176071	114.532	ug/l	98
24) 1,1-Dichloroethane	6.117	63	59838	21.637	ug/l	98
25) 2-Butanone	7.081	43	35822	102.563	ug/l	92
26) 2,2-Dichloropropane	7.075	77	54617	21.463	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	40837	20.343	ug/l	97
28) Bromochloromethane	7.428	49	19070	21.851	ug/l	94
29) Tetrahydrofuran	7.446	42	19539	97.545	ug/l	97
30) Chloroform	7.599	83	64016	21.668	ug/l	100
31) Cyclohexane	7.875	56	47639	19.330	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	56284	21.565	ug/l	97
36) 1,1-Dichloropropene	8.005	75	48066	23.457	ug/l	99
37) Ethyl Acetate	7.169	43	16452	24.068	ug/l	98
38) Carbon Tetrachloride	7.987	117	44335	22.837	ug/l	99
39) Methylcyclohexane	9.275	83	51236	20.551	ug/l	95
40) Benzene	8.252	78	136434	22.527	ug/l	94
41) Methacrylonitrile	7.399	41	8063	22.496	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	31076	22.319	ug/l	98
43) Isopropyl Acetate	8.358	43	27042	21.261	ug/l	95
44) Trichloroethene	9.028	130	35568	20.612	ug/l	97
45) 1,2-Dichloropropane	9.305	63	30344	22.653	ug/l	96
46) Dibromomethane	9.393	93	17400	22.416	ug/l	90
47) Bromodichloromethane	9.581	83	43099	23.062	ug/l	99
48) Methyl methacrylate	9.381	41	12110	21.366	ug/l	94
49) 1,4-Dioxane	9.381	88	3230	412.606	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	67117	108.817	ug/l	95
52) Toluene	10.334	92	83343	22.475	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	37793	22.865	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	46783	22.556	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	24497	23.230	ug/l	96
56) Ethyl methacrylate	10.599	69	24168	20.498	ug/l	94
57) 1,3-Dichloropropane	10.881	76	38754	22.811	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	45795	167.056	ug/l	96
59) 2-Hexanone	10.922	43	45776	107.890	ug/l	99
60) Dibromochloromethane	11.075	129	28039	22.272	ug/l	100
61) 1,2-Dibromoethane	11.181	107	22381	22.521	ug/l	99
64) Tetrachloroethene	10.810	164	30447	20.662	ug/l	98
65) Chlorobenzene	11.604	112	89524	21.672	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	30816	21.987	ug/l	96
67) Ethyl Benzene	11.681	91	155471	21.238	ug/l	96
68) m/p-Xylenes	11.793	106	126536	43.539	ug/l	98
69) o-Xylene	12.122	106	56684	21.216	ug/l	97
70) Styrene	12.134	104	99510	21.984	ug/l	99
71) Bromoform	12.299	173	16282	21.693	ug/l #	95
73) Isopropylbenzene	12.422	105	153219	20.937	ug/l	100
74) N-amyl acetate	12.234	43	24054	20.236	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	27174	22.098	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	17884m	23.032	ug/l	
77) Bromobenzene	12.699	156	34793	20.648	ug/l	91
78) n-propylbenzene	12.763	91	191837	21.882	ug/l	98
79) 2-Chlorotoluene	12.846	91	101678	21.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	128558	21.532	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7583	23.181	ug/l	94
82) 4-Chlorotoluene	12.946	91	107841	21.963	ug/l	98
83) tert-Butylbenzene	13.163	119	109952	20.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	127326	21.612	ug/l	98
85) sec-Butylbenzene	13.346	105	168284	21.199	ug/l	100
86) p-Isopropyltoluene	13.457	119	143082	21.402	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	73734	21.104	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	72544	21.120	ug/l	98
89) n-Butylbenzene	13.787	91	131612	21.525	ug/l	98
90) Hexachloroethane	14.051	117	25080	21.881	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	64806	21.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3582	21.072	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	38076	20.722	ug/l	99
94) Hexachlorobutadiene	15.204	225	20273	21.090	ug/l	98
95) Naphthalene	15.328	128	67352	19.083	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31933	19.750	ug/l	100

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

