

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074576.D
 Acq On : 19 Oct 2022 12:46
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	158271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	126038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65132	86.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.700%#			
35) Dibromofluoromethane	7.804	113	82203	84.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 169.600%#			
50) Toluene-d8	10.269	98	281191	88.765	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 177.520%#			
62) 4-Bromofluorobenzene	12.575	95	85101	81.211	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 162.420%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	68714	89.610	ug/l	93
3) Chloromethane	2.146	50	90032	86.733	ug/l	95
4) Vinyl Chloride	2.281	62	109046	94.995	ug/l	98
5) Bromomethane	2.681	94	76887	88.448	ug/l	97
6) Chloroethane	2.834	64	76102	96.426	ug/l	99
7) Trichlorofluoromethane	3.175	101	155341	95.470	ug/l	95
8) Diethyl Ether	3.593	74	46465	98.607	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	98286	101.037	ug/l	98
10) Methyl Iodide	4.163	142	140936	117.876	ug/l	99
11) Tert butyl alcohol	5.046	59	28380	223.507	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	100190	95.463	ug/l	95
13) Acrolein	3.793	56	37816	468.137	ug/l	100
14) Allyl chloride	4.558	41	109505	96.617	ug/l	100
15) Acrylonitrile	5.258	53	94453	490.450	ug/l	99
16) Acetone	4.022	43	78691	477.781	ug/l	96
17) Carbon Disulfide	4.269	76	259512	90.363	ug/l	97
18) Methyl Acetate	4.563	43	41615	83.551	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	200613	97.819	ug/l	97
20) Methylene Chloride	4.799	84	111711	64.108	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	108342	92.603	ug/l	90
22) Diisopropyl ether	6.216	45	220535	96.426	ug/l	97
23) Vinyl Acetate	6.152	43	518829	563.461	ug/l	97
24) 1,1-Dichloroethane	6.110	63	168083	94.691	ug/l	99
25) 2-Butanone	7.081	43	98315	446.400	ug/l	90
26) 2,2-Dichloropropane	7.075	77	155438	91.619	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	124551	95.981	ug/l	97
28) Bromochloromethane	7.428	49	48987	113.399	ug/l	97
29) Tetrahydrofuran	7.440	42	58516	487.134	ug/l	98
30) Chloroform	7.593	83	181338	94.941	ug/l	100
31) Cyclohexane	7.875	56	134553	88.809	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	164263	93.781	ug/l	99
36) 1,1-Dichloropropene	8.010	75	135109	95.025	ug/l	97
37) Ethyl Acetate	7.169	43	43679	97.368	ug/l	96
38) Carbon Tetrachloride	7.993	117	138895	99.762	ug/l	99
39) Methylcyclohexane	9.275	83	169730	99.910	ug/l	98
40) Benzene	8.252	78	407592	96.592	ug/l	98

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41) Methacrylonitrile	7.399	41	27466	98.373	ug/l	92
42) 1,2-Dichloroethane	8.328	62	93893	96.424	ug/l	100
43) Isopropyl Acetate	8.363	43	80386	96.422	ug/l	98
44) Trichloroethene	9.034	130	121925	98.630	ug/l	92
45) 1,2-Dichloropropane	9.304	63	91783	99.112	ug/l	89
46) Dibromomethane	9.399	93	52639	98.506	ug/l	96
47) Bromodichloromethane	9.587	83	133192	100.740	ug/l	99
48) Methyl methacrylate	9.381	41	39092	102.602	ug/l	98
49) 1,4-Dioxane	9.387	88	11512	2188.885	ug/l #	96
51) 4-Methyl-2-Pentanone	10.157	43	199650	481.461	ug/l	99
52) Toluene	10.334	92	243456	93.552	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	108672	93.485	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	147804	100.842	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	66472	90.537	ug/l	95
56) Ethyl methacrylate	10.598	69	78538	97.859	ug/l	98
57) 1,3-Dichloropropane	10.881	76	107639	90.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	110665	622.072	ug/l	97
59) 2-Hexanone	10.922	43	132936	469.681	ug/l	99
60) Dibromochloromethane	11.075	129	81120	91.665	ug/l	100
61) 1,2-Dibromoethane	11.181	107	62842	93.766	ug/l	99
64) Tetrachloroethene	10.810	164	87399	93.813	ug/l	91
65) Chlorobenzene	11.610	112	261508	98.502	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	92250	101.138	ug/l	99
67) Ethyl Benzene	11.681	91	472122	102.126	ug/l	98
68) m/p-Xylenes	11.792	106	376294	204.716	ug/l	96
69) o-Xylene	12.122	106	176159	102.976	ug/l	95
70) Styrene	12.134	104	300570	104.329	ug/l	99
71) Bromoform	12.298	173	47854	99.929	ug/l #	96
73) Isopropylbenzene	12.422	105	466489	100.945	ug/l	100
74) N-amyl acetate	12.234	43	69192	101.298	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	69738	95.326	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	44610m	91.480	ug/l	
77) Bromobenzene	12.698	156	104975	100.648	ug/l	96
78) n-propylbenzene	12.763	91	544467	99.693	ug/l	99
79) 2-Chlorotoluene	12.845	91	290110	98.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	374936	99.948	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	20681	102.146	ug/l	94
82) 4-Chlorotoluene	12.945	91	295239	97.127	ug/l	98
83) tert-Butylbenzene	13.163	119	341537	102.059	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	367560	99.568	ug/l	97
85) sec-Butylbenzene	13.345	105	494094	98.388	ug/l	96
86) p-Isopropyltoluene	13.457	119	430351	102.292	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	213109	98.325	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	205513	96.860	ug/l	98
89) n-Butylbenzene	13.787	91	386834	100.924	ug/l	99
90) Hexachloroethane	14.051	117	73418	100.260	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	177621	98.243	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9860	97.456	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	124444	104.342	ug/l	100
94) Hexachlorobutadiene	15.198	225	66135	100.796	ug/l	98
95) Naphthalene	15.328	128	233423	103.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	105268	102.965	ug/l	97

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

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