

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074703.D
 Acq On : 02 Nov 2022 14:25
 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 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 01:43:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 01:37:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	153821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115497	94.802	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 189.600%#			
35) Dibromofluoromethane	7.804	113	141277	96.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.000%#			
50) Toluene-d8	10.269	98	486768	91.153	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 182.300%#			
62) 4-Bromofluorobenzene	12.569	95	146646	95.109	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 190.220%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	114610	90.720	ug/l	96
3) Chloromethane	2.146	50	183067	90.806	ug/l	93
4) Vinyl Chloride	2.281	62	221915	100.375	ug/l	99
5) Bromomethane	2.669	94	158834	94.819	ug/l	99
6) Chloroethane	2.822	64	151620	98.943	ug/l	99
7) Trichlorofluoromethane	3.169	101	258236	100.540	ug/l	97
8) Diethyl Ether	3.587	74	76987	102.603	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	163440	100.173	ug/l	98
10) Methyl Iodide	4.158	142	225233	128.272	ug/l	99
11) Tert butyl alcohol	5.058	59	52422	242.796	ug/l #	95
12) 1,1-Dichloroethene	3.934	96	171310	103.377	ug/l	92
13) Acrolein	3.793	56	40305	480.690	ug/l	99
14) Allyl chloride	4.558	41	183080	104.418	ug/l	98
15) Acrylonitrile	5.252	53	156403	527.493	ug/l	99
16) Acetone	4.022	43	132828	522.459	ug/l	98
17) Carbon Disulfide	4.263	76	511977	102.455	ug/l	97
18) Methyl Acetate	4.563	43	72880	94.796	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	330805	104.965	ug/l	98
20) Methylene Chloride	4.799	84	193830	59.362	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	186168	102.216	ug/l	94
22) Diisopropyl ether	6.216	45	375511	103.767	ug/l	98
23) Vinyl Acetate	6.152	43	854148m	555.401	ug/l	
24) 1,1-Dichloroethane	6.110	63	273187	98.698	ug/l	98
25) 2-Butanone	7.081	43	179706	514.086	ug/l	99
26) 2,2-Dichloropropane	7.075	77	248309	97.496	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	203880	101.480	ug/l	98
28) Bromochloromethane	7.422	49	85909	98.352	ug/l	97
29) Tetrahydrofuran	7.446	42	107424	535.844	ug/l	97
30) Chloroform	7.599	83	290742	98.325	ug/l	96
31) Cyclohexane	7.875	56	245635	99.585	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	263322	100.805	ug/l	98
36) 1,1-Dichloropropene	8.004	75	230155	103.573	ug/l	99
37) Ethyl Acetate	7.163	43	74959	101.121	ug/l	98
38) Carbon Tetrachloride	7.987	117	220348	104.664	ug/l	98
39) Methylcyclohexane	9.275	83	288459	106.695	ug/l	97
40) Benzene	8.251	78	676001	102.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	42851	117.413	ug/l	95
42) 1,2-Dichloroethane	8.328	62	154695	102.449	ug/l	100
43) Isopropyl Acetate	8.363	43	144658	104.878	ug/l	97
44) Trichloroethene	9.028	130	194860	104.132	ug/l	100
45) 1,2-Dichloropropane	9.304	63	137949	94.965	ug/l	96
46) Dibromomethane	9.393	93	78691	93.480	ug/l	93
47) Bromodichloromethane	9.581	83	189825	93.664	ug/l	96
48) Methyl methacrylate	9.381	41	61732	100.434	ug/l	93
49) 1,4-Dioxane	9.381	88	18981	2235.853	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	336923	503.715	ug/l	98
52) Toluene	10.334	92	392356	97.567	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	178796	99.749	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	221911	98.661	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	107634	94.117	ug/l	98
56) Ethyl methacrylate	10.598	69	134392	105.107	ug/l	96
57) 1,3-Dichloropropane	10.881	76	177868	96.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	192402	574.609	ug/l	98
59) 2-Hexanone	10.922	43	238583	518.529	ug/l	99
60) Dibromochloromethane	11.075	129	130901	95.879	ug/l	99
61) 1,2-Dibromoethane	11.181	107	103585	96.115	ug/l	99
64) Tetrachloroethene	10.810	164	141417	100.507	ug/l	93
65) Chlorobenzene	11.604	112	411389	104.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	141473	105.713	ug/l	98
67) Ethyl Benzene	11.681	91	749159	107.177	ug/l	98
68) m/p-Xylenes	11.792	106	598377	215.625	ug/l	98
69) o-Xylene	12.122	106	281289	110.257	ug/l	97
70) Styrene	12.134	104	470230	108.793	ug/l	99
71) Bromoform	12.298	173	76534	106.788	ug/l #	98
73) Isopropylbenzene	12.422	105	729198	107.298	ug/l	100
74) N-amyl acetate	12.234	43	122826	111.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	119483	104.629	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	73608m	101.060	ug/l	
77) Bromobenzene	12.698	156	162903	104.102	ug/l	98
78) n-propylbenzene	12.763	91	872668	107.189	ug/l	100
79) 2-Chlorotoluene	12.845	91	463692	105.772	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	593005	106.950	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	34213	112.625	ug/l	92
82) 4-Chlorotoluene	12.945	91	477537	104.730	ug/l	99
83) tert-Butylbenzene	13.163	119	531647	108.804	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	591228	108.065	ug/l	99
85) sec-Butylbenzene	13.345	105	789874	107.148	ug/l	99
86) p-Isopropyltoluene	13.457	119	676025	108.886	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	335779	103.488	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	321543	100.807	ug/l	99
89) n-Butylbenzene	13.786	91	607350	106.962	ug/l	99
90) Hexachloroethane	14.051	117	114023	107.121	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	281948	102.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16578	105.019	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	182703	107.070	ug/l	99
94) Hexachlorobutadiene	15.204	225	94688	106.075	ug/l	99
95) Naphthalene	15.328	128	367714	112.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	159858	106.466	ug/l	100

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

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