

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074020.D
 Acq On : 10 Aug 2022 12:06
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 14:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:39:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	150054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	234663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59531	40.204	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.400%		
35) Dibromofluoromethane	7.903	113	70281	45.523	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.040%		
50) Toluene-d8	10.332	98	197371	41.127	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.260%		
62) 4-Bromofluorobenzene	12.614	95	96907	49.922	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65952	44.281	ug/l	100
3) Chloromethane	2.209	50	103967	44.793	ug/l	98
4) Vinyl Chloride	2.344	62	152747	48.374	ug/l	100
5) Bromomethane	2.762	94	105376	47.881	ug/l	97
6) Chloroethane	2.915	64	106507	47.002	ug/l	94
7) Trichlorofluoromethane	3.262	101	142894	46.964	ug/l	95
8) Diethyl Ether	3.709	74	31981	47.043	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	82099	47.581	ug/l	97
10) Methyl Iodide	4.291	142	94105	52.891	ug/l	99
11) Tert butyl alcohol	5.232	59	19260	254.165	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	73941	49.911	ug/l	98
13) Acrolein	3.915	56	30289	262.699	ug/l	93
14) Allyl chloride	4.709	41	96904	49.736	ug/l	99
15) Acrylonitrile	5.415	53	69530	242.202	ug/l	97
16) Acetone	4.162	43	52952	218.073	ug/l	98
17) Carbon Disulfide	4.403	76	233814	48.132	ug/l	99
18) Methyl Acetate	4.715	43	33980	43.343	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	168147	50.215	ug/l	98
20) Methylene Chloride	4.962	84	81982	45.525	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	88088	49.990	ug/l	87
22) Diisopropyl ether	6.362	45	210184	51.194	ug/l	93
23) Vinyl Acetate	6.297	43	569358	55.192	ug/l	99
24) 1,1-Dichloroethane	6.256	63	141682	47.773	ug/l	97
25) 2-Butanone	7.203	43	86140	229.509	ug/l	98
26) 2,2-Dichloropropane	7.197	77	138307	48.919	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	95715	50.209	ug/l	97
28) Bromochloromethane	7.538	49	55397	48.405	ug/l #	95
29) Tetrahydrofuran	7.562	42	57372	245.327	ug/l	97
30) Chloroform	7.703	83	165277	48.915	ug/l	99
31) Cyclohexane	7.979	56	123439	46.843	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	154548	48.506	ug/l	98
36) 1,1-Dichloropropene	8.103	75	121422	51.704	ug/l	99
37) Ethyl Acetate	7.285	43	40275	48.838	ug/l	97
38) Carbon Tetrachloride	8.091	117	138433	52.138	ug/l	99
39) Methylcyclohexane	9.350	83	142943	53.600	ug/l	99
40) Benzene	8.344	78	326755	51.222	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	24751	54.039	ug/l	92
42) 1,2-Dichloroethane	8.420	62	100373	50.910	ug/l	98
43) Isopropyl Acetate	8.444	43	83125	50.429	ug/l	100
44) Trichloroethene	9.103	130	94133	50.295	ug/l	98
45) 1,2-Dichloropropane	9.373	63	78082	50.841	ug/l	99
46) Dibromomethane	9.467	93	49681	49.622	ug/l	99
47) Bromodichloromethane	9.650	83	124999	50.924	ug/l	97
48) Methyl methacrylate	9.450	41	39901	52.172	ug/l	88
49) 1,4-Dioxane	9.456	88	10229	1092.414	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	214012	257.930	ug/l	99
52) Toluene	10.391	92	225736	53.003	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	112277	52.468	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	130959	52.858	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	64128	50.443	ug/l	95
56) Ethyl methacrylate	10.650	69	70379	53.301	ug/l	95
57) 1,3-Dichloropropane	10.932	76	104015	50.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	144250	262.294	ug/l	98
59) 2-Hexanone	10.973	43	144389	258.895	ug/l	96
60) Dibromochloromethane	11.126	129	86924	50.232	ug/l	100
61) 1,2-Dibromoethane	11.238	107	64897	51.246	ug/l	97
64) Tetrachloroethene	10.867	164	81393	48.561	ug/l	95
65) Chlorobenzene	11.655	112	234565	49.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	90112	49.636	ug/l	98
67) Ethyl Benzene	11.732	91	432943	52.494	ug/l	97
68) m/p-Xylenes	11.844	106	350669	106.732	ug/l	98
69) o-Xylene	12.167	106	160686	53.399	ug/l	99
70) Styrene	12.185	104	277581	54.386	ug/l	99
71) Bromoform	12.350	173	49845	49.862	ug/l #	99
73) Isopropylbenzene	12.467	105	431376	52.882	ug/l	100
74) N-amyl acetate	12.273	43	79979	50.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	71109	48.509	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	45106m	26.636	ug/l	
77) Bromobenzene	12.749	156	97052	49.648	ug/l	99
78) n-propylbenzene	12.808	91	537457	53.165	ug/l	100
79) 2-Chlorotoluene	12.891	91	292517	51.695	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	370585	53.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20378	50.586	ug/l	91
82) 4-Chlorotoluene	12.991	91	313970	51.999	ug/l	99
83) tert-Butylbenzene	13.208	119	315044	52.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	373874	53.612	ug/l	100
85) sec-Butylbenzene	13.385	105	490146	53.834	ug/l	100
86) p-Isopropyltoluene	13.497	119	416997	54.524	ug/l	99
87) 1,3-Dichlorobenzene	13.497	146	211204	51.505	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	207446	50.662	ug/l	100
89) n-Butylbenzene	13.826	91	382210	53.434	ug/l	99
90) Hexachloroethane	14.091	117	77439	51.157	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	179214	51.084	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11145	44.009	ug/l	94
93) 1,2,4-Trichlorobenzene	15.138	180	104372	50.471	ug/l	98
94) Hexachlorobutadiene	15.243	225	58792	49.450	ug/l	96
95) Naphthalene	15.373	128	189320	51.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	92034	50.341	ug/l	99

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

