

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074055.D
 Acq On : 11 Aug 2022 21:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 01:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	128190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	205665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	196754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	107625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	51617	51.243	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.480%			
35) Dibromofluoromethane	7.903	113	63964	46.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.660%			
50) Toluene-d8	10.326	98	171640	47.780	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.560%			
62) 4-Bromofluorobenzene	12.620	95	84080	50.052	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	53182	47.118	ug/l	98
3) Chloromethane	2.209	50	99064	57.922	ug/l	97
4) Vinyl Chloride	2.344	62	127077	46.576	ug/l	97
5) Bromomethane	2.768	94	78158	41.580	ug/l	95
6) Chloroethane	2.915	64	102412	52.452	ug/l	92
7) Trichlorofluoromethane	3.262	101	137975	53.125	ug/l	95
8) Diethyl Ether	3.703	74	30231	50.647	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.079	101	70241	47.272	ug/l	99
10) Methyl Iodide	4.291	142	66310	43.453	ug/l	99
11) Tert butyl alcohol	5.226	59	19417	297.052	ug/l #	90
12) 1,1-Dichloroethene	4.056	96	61183	47.731	ug/l	96
13) Acrolein	3.926	56	27017	270.121	ug/l	97
14) Allyl chloride	4.709	41	80376	48.784	ug/l	98
15) Acrylonitrile	5.409	53	65511	264.531	ug/l	96
16) Acetone	4.156	43	51475	250.959	ug/l	91
17) Carbon Disulfide	4.403	76	189688	45.637	ug/l	98
18) Methyl Acetate	4.720	43	33348	57.886	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	150535	52.689	ug/l	100
20) Methylene Chloride	4.956	84	76846	56.650	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	77027	50.045	ug/l	96
22) Diisopropyl ether	6.356	45	188019	53.059	ug/l	98
23) Vinyl Acetate	6.297	43	520665	55.799	ug/l	98
24) 1,1-Dichloroethane	6.256	63	127631	50.269	ug/l	99
25) 2-Butanone	7.209	43	86572	269.896	ug/l	99
26) 2,2-Dichloropropane	7.197	77	105557	43.494	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	83207	50.584	ug/l	96
28) Bromochloromethane	7.532	49	54805	55.933	ug/l	99
29) Tetrahydrofuran	7.556	42	57337	290.351	ug/l	99
30) Chloroform	7.697	83	147864	51.377	ug/l	100
31) Cyclohexane	7.979	56	101705	45.207	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	135251	49.403	ug/l	99
36) 1,1-Dichloropropene	8.108	75	106328	51.150	ug/l	100
37) Ethyl Acetate	7.291	43	40931	55.326	ug/l	96
38) Carbon Tetrachloride	8.091	117	120386	51.370	ug/l	97
39) Methylcyclohexane	9.344	83	115375	48.929	ug/l	100
40) Benzene	8.344	78	290813	51.606	ug/l	97

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41) Methacrylonitrile	7.514	41	19622m	48.534	ug/l	
42) 1,2-Dichloroethane	8.414	62	93646	53.910	ug/l	99
43) Isopropyl Acetate	8.444	43	78620	55.595	ug/l	99
44) Trichloroethene	9.103	130	81420	49.112	ug/l	100
45) 1,2-Dichloropropane	9.379	63	71240	52.527	ug/l	99
46) Dibromomethane	9.467	93	47652	54.567	ug/l	96
47) Bromodichloromethane	9.650	83	113475	52.234	ug/l	95
48) Methyl methacrylate	9.450	41	36946	54.763	ug/l	93
49) 1,4-Dioxane	9.456	88	10582	1239.800	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	213095	293.548	ug/l	99
52) Toluene	10.391	92	195747	52.040	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	98647	52.671	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	113498	52.434	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	60444	54.456	ug/l	98
56) Ethyl methacrylate	10.650	69	64315	55.189	ug/l	93
57) 1,3-Dichloropropane	10.932	76	95657	53.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	135058	277.756	ug/l	100
59) 2-Hexanone	10.973	43	144333	296.564	ug/l	96
60) Dibromochloromethane	11.126	129	80044	53.244	ug/l	97
61) 1,2-Dibromoethane	11.232	107	60480	53.950	ug/l	98
64) Tetrachloroethene	10.867	164	67160	45.566	ug/l	97
65) Chlorobenzene	11.655	112	207996	49.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	83158	52.121	ug/l	98
67) Ethyl Benzene	11.732	91	372014	50.866	ug/l	100
68) m/p-Xylenes	11.838	106	310275	106.204	ug/l	98
69) o-Xylene	12.167	106	138719	51.844	ug/l	100
70) Styrene	12.179	104	252548	55.740	ug/l	99
71) Bromoform	12.344	173	48605	55.355	ug/l #	98
73) Isopropylbenzene	12.467	105	364679	48.735	ug/l	100
74) N-amyl acetate	12.273	43	76518	53.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	70420	51.847	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	54785m	55.753	ug/l	
77) Bromobenzene	12.749	156	89645	50.164	ug/l	97
78) n-propylbenzene	12.808	91	460153	49.660	ug/l	99
79) 2-Chlorotoluene	12.891	91	258785	49.616	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	319829	50.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19093	51.860	ug/l	95
82) 4-Chlorotoluene	12.991	91	275672	50.368	ug/l	99
83) tert-Butylbenzene	13.208	119	272141	50.429	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	322984	50.576	ug/l	99
85) sec-Butylbenzene	13.385	105	412210	49.570	ug/l	99
86) p-Isopropyltoluene	13.502	119	353284	50.746	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	184053	49.062	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	184136	48.802	ug/l	99
89) n-Butylbenzene	13.826	91	322716	49.496	ug/l	99
90) Hexachloroethane	14.091	117	67355	48.918	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	163680	50.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11782	55.396	ug/l	96
93) 1,2,4-Trichlorobenzene	15.138	180	90425	47.942	ug/l	99
94) Hexachlorobutadiene	15.243	225	48488	44.930	ug/l	93
95) Naphthalene	15.373	128	177110	53.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	83700	50.461	ug/l	97

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

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