

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
 Data File : VD074100.D
 Acq On : 15 Aug 2022 20:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 22:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 22:46:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	145794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	232605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	226933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	118746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59087	55.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.440%			
35) Dibromofluoromethane	7.903	113	71807	48.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.620%			
50) Toluene-d8	10.332	98	195437	43.306	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.620%			
62) 4-Bromofluorobenzene	12.620	95	96983	52.041	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43107	39.732	ug/l	96
3) Chloromethane	2.209	50	63228	48.650	ug/l	96
4) Vinyl Chloride	2.344	62	88517	41.075	ug/l	98
5) Bromomethane	2.762	94	65061	37.835	ug/l	99
6) Chloroethane	2.915	64	75336	48.878	ug/l	96
7) Trichlorofluoromethane	3.268	101	98446	41.255	ug/l	97
8) Diethyl Ether	3.709	74	27833	43.525	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	60354	44.309	ug/l	97
10) Methyl Iodide	4.291	142	61797	43.306	ug/l	96
11) Tert butyl alcohol	5.232	59	22802	287.938	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	50141	43.562	ug/l	92
13) Acrolein	3.921	56	17401	254.218	ug/l	99
14) Allyl chloride	4.709	41	72496	42.783	ug/l #	92
15) Acrylonitrile	5.409	53	71697	280.697	ug/l	97
16) Acetone	4.156	43	60162	230.911	ug/l	97
17) Carbon Disulfide	4.403	76	118179	41.868	ug/l	98
18) Methyl Acetate	4.715	43	34178	59.207	ug/l #	86
19) Methyl tert-butyl Ether	5.467	73	155788	52.920	ug/l	96
20) Methylene Chloride	4.950	84	78463	52.683	ug/l #	78
21) trans-1,2-Dichloroethene	5.462	96	60669	41.530	ug/l #	83
22) Diisopropyl ether	6.356	45	183736	50.089	ug/l #	95
23) Vinyl Acetate	6.303	43	523502	278.521	ug/l #	91
24) 1,1-Dichloroethane	6.262	63	114499	45.153	ug/l	98
25) 2-Butanone	7.203	43	93066	249.742	ug/l #	86
26) 2,2-Dichloropropane	7.197	77	108731	41.358	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	78025	45.314	ug/l	90
28) Bromochloromethane	7.538	49	49914	52.740	ug/l #	70
29) Tetrahydrofuran	7.556	42	58432	286.929	ug/l #	83
30) Chloroform	7.703	83	141239	47.648	ug/l	98
31) Cyclohexane	7.973	56	76384	41.009	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	123373	44.142	ug/l	95
36) 1,1-Dichloropropene	8.109	75	87445	43.138	ug/l	95
37) Ethyl Acetate	7.291	43	42961	53.442	ug/l #	94
38) Carbon Tetrachloride	8.091	117	104859	44.822	ug/l	98
39) Methylcyclohexane	9.344	83	88726	39.700	ug/l	94
40) Benzene	8.344	78	263386	45.981	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	23686	58.308	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	88178	50.958	ug/l	95
43) Isopropyl Acetate	8.444	43	84844	57.506	ug/l #	91
44) Trichloroethene	9.103	130	73972	44.103	ug/l	98
45) 1,2-Dichloropropane	9.379	63	67473	48.627	ug/l	92
46) Dibromomethane	9.467	93	48012	54.588	ug/l	98
47) Bromodichloromethane	9.656	83	112951	49.954	ug/l #	97
48) Methyl methacrylate	9.444	41	34998	51.884	ug/l #	68
49) 1,4-Dioxane	9.456	88	11219	1311.168	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	229604	303.972	ug/l	93
52) Toluene	10.397	92	180721	48.250	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	101551	52.693	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	111308	49.947	ug/l #	89
55) 1,1,2-Trichloroethane	10.785	97	61941	52.917	ug/l	98
56) Ethyl methacrylate	10.650	69	69575	58.455	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	99656	53.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	126841	277.603	ug/l #	89
59) 2-Hexanone	10.973	43	156728	303.422	ug/l	93
60) Dibromochloromethane	11.126	129	84365	53.304	ug/l	99
61) 1,2-Dibromoethane	11.238	107	62061	54.595	ug/l	99
64) Tetrachloroethene	10.867	164	62158	43.292	ug/l	98
65) Chlorobenzene	11.655	112	205366	46.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	85212	48.836	ug/l	99
67) Ethyl Benzene	11.732	91	352938	46.438	ug/l	97
68) m/p-Xylenes	11.838	106	285529	93.575	ug/l	95
69) o-Xylene	12.167	106	135043	48.572	ug/l	93
70) Styrene	12.179	104	246331	50.817	ug/l	95
71) Bromoform	12.344	173	52269	57.177	ug/l #	97
73) Isopropylbenzene	12.467	105	353016	47.296	ug/l	98
74) N-amyl acetate	12.273	43	83469	58.244	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	76292	55.860	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	56430m	54.279	ug/l	
77) Bromobenzene	12.744	156	89685	49.761	ug/l	87
78) n-propylbenzene	12.808	91	432305	46.768	ug/l	97
79) 2-Chlorotoluene	12.891	91	248554	47.333	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	307789	48.309	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	20690	54.532	ug/l #	88
82) 4-Chlorotoluene	12.991	91	264513	47.545	ug/l	95
83) tert-Butylbenzene	13.208	119	257885	45.732	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	308809	47.158	ug/l	98
85) sec-Butylbenzene	13.385	105	391238	45.160	ug/l	98
86) p-Isopropyltoluene	13.496	119	333248	46.121	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	185728	47.175	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	182175	46.190	ug/l	99
89) n-Butylbenzene	13.826	91	308324	44.541	ug/l	98
90) Hexachloroethane	14.091	117	65757	43.437	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	163863	46.604	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12633	53.550	ug/l	84
93) 1,2,4-Trichlorobenzene	15.138	180	91297	40.455	ug/l	98
94) Hexachlorobutadiene	15.243	225	50317	37.215	ug/l	98
95) Naphthalene	15.379	128	190795	50.211	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	86607	43.407	ug/l	97

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

