

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073338.D
 Acq On : 24 May 2022 22:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 05:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	321448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	543789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	527242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	186706	52.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.908	113	196529	54.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.540%	
50) Toluene-d8	10.332	98	719068	54.362	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.720%	
62) 4-Bromofluorobenzene	12.620	95	258920	55.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	132462	41.240	ug/l	100
3) Chloromethane	2.209	50	145106	39.952	ug/l	94
4) Vinyl Chloride	2.344	62	143016	43.062	ug/l	97
5) Bromomethane	2.762	94	105452	49.486	ug/l	96
6) Chloroethane	2.920	64	94122	46.101	ug/l	98
7) Trichlorofluoromethane	3.273	101	274549	46.751	ug/l	98
8) Diethyl Ether	3.709	74	85842	53.196	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	166509	47.521	ug/l	97
10) Methyl Iodide	4.297	142	181398	47.984	ug/l	98
11) Tert butyl alcohol	5.203	59	83818	152.075	ug/l #	87
12) 1,1-Dichloroethene	4.067	96	153099	47.392	ug/l	90
13) Acrolein	3.920	56	42994	193.518	ug/l	100
14) Allyl chloride	4.709	41	260891	50.032	ug/l #	90
15) Acrylonitrile	5.414	53	212321	287.737	ug/l	97
16) Acetone	4.156	43	152591	247.986	ug/l	95
17) Carbon Disulfide	4.403	76	427215	39.893	ug/l	99
18) Methyl Acetate	4.714	43	93476	54.632	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	417831	56.775	ug/l	100
20) Methylene Chloride	4.956	84	227782	59.088	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	195393	50.025	ug/l	92
22) Diisopropyl ether	6.361	45	608091	55.629	ug/l	93
23) Vinyl Acetate	6.303	43	1672754	286.889	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	361721	51.553	ug/l	98
25) 2-Butanone	7.208	43	252509	280.491	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	279150	46.652	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	228548	52.881	ug/l	90
28) Bromochloromethane	7.538	49	122178	50.544	ug/l #	76
29) Tetrahydrofuran	7.556	42	169178	290.629	ug/l	92
30) Chloroform	7.708	83	385115	52.574	ug/l	98
31) Cyclohexane	7.979	56	275077	44.310	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	323294	50.462	ug/l	96
36) 1,1-Dichloropropene	8.103	75	261802	48.511	ug/l	95
37) Ethyl Acetate	7.285	43	118374	55.531	ug/l #	94
38) Carbon Tetrachloride	8.091	117	273231	49.946	ug/l	98
39) Methylcyclohexane	9.350	83	285590	47.484	ug/l	99
40) Benzene	8.344	78	800105	51.443	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	72490	58.367	ug/l	91
42) 1,2-Dichloroethane	8.414	62	233888	54.044	ug/l	96
43) Isopropyl Acetate	8.444	43	224168	56.894	ug/l #	93
44) Trichloroethene	9.108	130	215309	51.912	ug/l	97
45) 1,2-Dichloropropane	9.379	63	212760	54.318	ug/l	94
46) Dibromomethane	9.467	93	116626	54.213	ug/l	97
47) Bromodichloromethane	9.655	83	297898	54.120	ug/l	98
48) Methyl methacrylate	9.450	41	105398	53.169	ug/l #	80
49) 1,4-Dioxane	9.455	88	26101	1174.871	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	605967	296.112	ug/l	91
52) Toluene	10.397	92	532822	54.212	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	274275	55.155	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	324393	54.512	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	161557	55.536	ug/l	98
56) Ethyl methacrylate	10.649	69	196555	60.770	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	276215	56.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	410697	265.769	ug/l	96
59) 2-Hexanone	10.973	43	411538	305.030	ug/l	93
60) Dibromochloromethane	11.132	129	203544	56.113	ug/l	99
61) 1,2-Dibromoethane	11.238	107	153550	55.238	ug/l	97
64) Tetrachloroethene	10.867	164	170003	49.229	ug/l	94
65) Chlorobenzene	11.661	112	566560	52.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	220886	55.064	ug/l	99
67) Ethyl Benzene	11.732	91	1005412	52.951	ug/l	97
68) m/p-Xylenes	11.844	106	782681	106.099	ug/l	99
69) o-Xylene	12.173	106	370105	54.613	ug/l	95
70) Styrene	12.185	104	654006	56.093	ug/l	97
71) Bromoform	12.349	173	117786	57.052	ug/l #	98
73) Isopropylbenzene	12.467	105	973283	52.456	ug/l	100
74) N-amyl acetate	12.279	43	225713	55.764	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	186018	54.360	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	128770m	50.426	ug/l	
77) Bromobenzene	12.749	156	228398	52.293	ug/l	94
78) n-propylbenzene	12.808	91	1210907	51.985	ug/l	99
79) 2-Chlorotoluene	12.896	91	705905	52.487	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	839240	53.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	57955	54.483	ug/l	86
82) 4-Chlorotoluene	12.991	91	744356	52.802	ug/l	99
83) tert-Butylbenzene	13.208	119	684797	51.697	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	840823	54.152	ug/l	98
85) sec-Butylbenzene	13.385	105	1059856	52.400	ug/l	99
86) p-Isopropyltoluene	13.502	119	873891	53.003	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	464862	52.803	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	460426	51.810	ug/l	99
89) n-Butylbenzene	13.826	91	829582	52.807	ug/l	99
90) Hexachloroethane	14.096	117	179733	52.684	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	408501	53.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	29175	55.673	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	241707	55.892	ug/l	99
94) Hexachlorobutadiene	15.249	225	126212	51.792	ug/l	97
95) Naphthalene	15.379	128	453373	53.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	209522	54.651	ug/l	97

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

