

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033122\
 Data File : VD072485.D
 Acq On : 31 Mar 2022 11:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

Quant Time: Apr 01 02:48:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	434699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	695039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231468	44.018	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.040%		
35) Dibromofluoromethane	7.909	113	242744	44.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.880%		
50) Toluene-d8	10.332	98	844027	44.953	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.900%		
62) 4-Bromofluorobenzene	12.626	95	328494	44.798	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	187985	54.490	ug/l	99
3) Chloromethane	2.209	50	170278	53.362	ug/l	99
4) Vinyl Chloride	2.350	62	187639	51.138	ug/l	100
5) Bromomethane	2.762	94	130400	53.031	ug/l	95
6) Chloroethane	2.921	64	132007	56.167	ug/l	98
7) Trichlorofluoromethane	3.273	101	415274	55.457	ug/l	94
8) Diethyl Ether	3.709	74	113406	50.962	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	264402	52.944	ug/l	97
10) Methyl Iodide	4.297	142	233806	50.209	ug/l	99
11) Tert butyl alcohol	5.215	59	66105	238.046	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	214633	54.972	ug/l	89
13) Acrolein	3.921	56	31739	257.554	ug/l	99
14) Allyl chloride	4.715	41	330871	48.298	ug/l #	92
15) Acrylonitrile	5.420	53	272449	244.813	ug/l	97
16) Acetone	4.150	43	246917	251.817	ug/l	91
17) Carbon Disulfide	4.409	76	450790	53.071	ug/l	97
18) Methyl Acetate	4.715	43	113646	41.140	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	576730	50.608	ug/l	98
20) Methylene Chloride	4.962	84	281078	48.151	ug/l	85
21) trans-1,2-Dichloroethene	5.473	96	248501	52.113	ug/l	88
22) Diisopropyl ether	6.362	45	797401	50.833	ug/l #	91
23) Vinyl Acetate	6.303	43	2088639	247.610	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	492259	52.076	ug/l	99
25) 2-Butanone	7.203	43	339299	250.199	ug/l #	90
26) 2,2-Dichloropropane	7.203	77	437718	52.134	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	306303	51.670	ug/l	92
28) Bromochloromethane	7.544	49	190327	46.991	ug/l #	76
29) Tetrahydrofuran	7.561	42	202280	247.060	ug/l #	88
30) Chloroform	7.709	83	541282	50.904	ug/l	98
31) Cyclohexane	7.985	56	371133	53.976	ug/l	87
32) 1,1,1-Trichloroethane	7.903	97	482382	53.487	ug/l	95
36) 1,1-Dichloropropene	8.109	75	360236	52.139	ug/l	96
37) Ethyl Acetate	7.291	43	145411	50.807	ug/l #	94
38) Carbon Tetrachloride	8.091	117	419399	56.361	ug/l	99
39) Methylcyclohexane	9.350	83	424546	52.651	ug/l	97
40) Benzene	8.344	78	1051770	55.756	ug/l	99

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41) Methacrylonitrile	7.514	41	86034	51.389	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	302010	52.379	ug/l	97
43) Isopropyl Acetate	8.444	43	285692	52.039	ug/l #	91
44) Trichloroethene	9.108	130	295683	55.212	ug/l	96
45) 1,2-Dichloropropane	9.379	63	281733	53.689	ug/l	96
46) Dibromomethane	9.467	93	147700	53.649	ug/l	97
47) Bromodichloromethane	9.656	83	409281	51.747	ug/l #	99
48) Methyl methacrylate	9.450	41	143715	53.920	ug/l #	88
49) 1,4-Dioxane	9.456	88	36295	1108.263	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	753067	255.642	ug/l	90
52) Toluene	10.397	92	709546	56.619	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	369728	53.644	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	436469	53.562	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	219054	52.483	ug/l	97
56) Ethyl methacrylate	10.655	69	252382	49.198	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	363725	52.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	512388	248.658	ug/l	94
59) 2-Hexanone	10.979	43	543821	271.477	ug/l	91
60) Dibromochloromethane	11.132	129	281376	52.262	ug/l	100
61) 1,2-Dibromoethane	11.238	107	202083	54.532	ug/l	98
64) Tetrachloroethene	10.873	164	235880	56.488	ug/l	97
65) Chlorobenzene	11.661	112	775399	54.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	309933	54.252	ug/l	97
67) Ethyl Benzene	11.738	91	1401380	56.206	ug/l	99
68) m/p-Xylenes	11.850	106	1074356	113.579	ug/l	100
69) o-Xylene	12.173	106	518326	56.794	ug/l	97
70) Styrene	12.185	104	901549	56.051	ug/l	97
71) Bromoform	12.349	173	157117	51.879	ug/l #	98
73) Isopropylbenzene	12.473	105	1433656	54.745	ug/l	100
74) N-amyl acetate	12.285	43	276686	50.354	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	241849	48.756	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	187554m	53.031	ug/l	
77) Bromobenzene	12.755	156	314978	53.661	ug/l	89
78) n-propylbenzene	12.814	91	1732386	54.835	ug/l	98
79) 2-Chlorotoluene	12.902	91	997636	53.997	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1202947	53.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	75745	52.553	ug/l	86
82) 4-Chlorotoluene	12.996	91	1017618	52.885	ug/l	98
83) tert-Butylbenzene	13.214	119	1041479	53.637	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1177085	53.669	ug/l	99
85) sec-Butylbenzene	13.391	105	1604708	54.867	ug/l	99
86) p-Isopropyltoluene	13.508	119	1322339	55.314	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	636611	52.340	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	629471	51.349	ug/l	100
89) n-Butylbenzene	13.832	91	1257779	55.230	ug/l	98
90) Hexachloroethane	14.102	117	261577	53.449	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	556203	51.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	37785	51.506	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	354710	53.343	ug/l	99
94) Hexachlorobutadiene	15.255	225	201590	54.123	ug/l	98
95) Naphthalene	15.385	128	644937	49.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	306490	52.810	ug/l	99

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

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