

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072376.D
 Acq On : 23 Mar 2022 10:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 24 00:50:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/24/2022
 Supervised By :Semsettin Yesilyurt 03/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	419213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	615239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	304207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208291	44.584	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.160%		
35) Dibromofluoromethane	7.908	113	207407	44.101	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.200%		
50) Toluene-d8	10.332	98	743148	43.215	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.420%		
62) 4-Bromofluorobenzene	12.626	95	285337	42.703	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	164975	42.547	ug/l	99
3) Chloromethane	2.209	50	177044	51.384	ug/l	96
4) Vinyl Chloride	2.350	62	183518	55.179	ug/l	99
5) Bromomethane	2.762	94	115941	53.534	ug/l	95
6) Chloroethane	2.920	64	126163	57.374	ug/l	98
7) Trichlorofluoromethane	3.273	101	350623	46.682	ug/l	96
8) Diethyl Ether	3.709	74	101788	49.069	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	222261	46.409	ug/l	95
10) Methyl Iodide	4.291	142	178428	41.961	ug/l	99
11) Tert butyl alcohol	5.214	59	61614	227.457	ug/l	97
12) 1,1-Dichloroethene	4.062	96	189368	49.150	ug/l	92
13) Acrolein	3.920	56	46547	192.571	ug/l	100
14) Allyl chloride	4.709	41	340939	50.611	ug/l	94
15) Acrylonitrile	5.414	53	260432	248.815	ug/l	99
16) Acetone	4.150	43	247323	243.821	ug/l	95
17) Carbon Disulfide	4.409	76	421037	46.949	ug/l	96
18) Methyl Acetate	4.715	43	116429	46.838	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	516647	49.335	ug/l	100
20) Methylene Chloride	4.962	84	239906	47.457	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	213382	50.072	ug/l	96
22) Diisopropyl ether	6.361	45	785915	51.149	ug/l	94
23) Vinyl Acetate	6.303	43	2110088	269.089	ug/l	96
24) 1,1-Dichloroethane	6.261	63	446188	49.239	ug/l	99
25) 2-Butanone	7.208	43	342257	253.062	ug/l	98
26) 2,2-Dichloropropane	7.203	77	380715	46.564	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	260112	47.809	ug/l	98
28) Bromochloromethane	7.538	49	207647	56.920	ug/l	90
29) Tetrahydrofuran	7.556	42	208926	262.712	ug/l	96
30) Chloroform	7.703	83	457379	47.379	ug/l	99
31) Cyclohexane	7.979	56	362742	49.697	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	401701	46.851	ug/l	98
36) 1,1-Dichloropropene	8.108	75	324021	49.111	ug/l	96
37) Ethyl Acetate	7.285	43	148193	51.276	ug/l	97
38) Carbon Tetrachloride	8.091	117	349766	46.637	ug/l	99
39) Methylcyclohexane	9.350	83	373805	50.348	ug/l	100
40) Benzene	8.344	78	923126	49.044	ug/l	100

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41) Methacrylonitrile	7.508	41	91880	54.544	ug/l	95
42) 1,2-Dichloroethane	8.420	62	279151	48.889	ug/l	99
43) Isopropyl Acetate	8.444	43	281800	50.236	ug/l	96
44) Trichloroethene	9.108	130	249762	47.266	ug/l	93
45) 1,2-Dichloropropane	9.379	63	253351	49.079	ug/l	95
46) Dibromomethane	9.467	93	128206	50.489	ug/l	96
47) Bromodichloromethane	9.655	83	356215	48.120	ug/l	99
48) Methyl methacrylate	9.450	41	145072	54.162	ug/l	94
49) 1,4-Dioxane	9.455	88	30677	1007.443	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	771851	261.977	ug/l	97
52) Toluene	10.397	92	603654	48.738	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	325145	48.075	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	382864	48.969	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	187640	48.508	ug/l	95
56) Ethyl methacrylate	10.655	69	230930	50.969	ug/l	90
57) 1,3-Dichloropropane	10.938	76	323046	49.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	520922	255.707	ug/l	98
59) 2-Hexanone	10.973	43	547248	268.933	ug/l	96
60) Dibromochloromethane	11.132	129	235969	47.011	ug/l	97
61) 1,2-Dibromoethane	11.238	107	170175	48.686	ug/l	99
64) Tetrachloroethene	10.867	164	196802	45.400	ug/l	97
65) Chlorobenzene	11.661	112	645845	47.351	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	247608	45.907	ug/l	99
67) Ethyl Benzene	11.738	91	1186296	48.697	ug/l	100
68) m/p-Xylenes	11.844	106	902232	97.536	ug/l	99
69) o-Xylene	12.173	106	427236	48.286	ug/l	99
70) Styrene	12.185	104	745082	48.224	ug/l	99
71) Bromoform	12.349	173	133853	46.458	ug/l #	100
73) Isopropylbenzene	12.467	105	1181206	48.999	ug/l	99
74) N-amyl acetate	12.279	43	275661	53.210	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	209451	48.580	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	163166m	48.624	ug/l	
77) Bromobenzene	12.749	156	256159	47.211	ug/l	95
78) n-propylbenzene	12.808	91	1462396	49.943	ug/l	99
79) 2-Chlorotoluene	12.896	91	811867	47.949	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	990970	47.849	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	67615	49.993	ug/l	92
82) 4-Chlorotoluene	12.996	91	851474	48.568	ug/l	100
83) tert-Butylbenzene	13.214	119	871920	48.021	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	973586	47.710	ug/l	98
85) sec-Butylbenzene	13.390	105	1313967	48.189	ug/l	100
86) p-Isopropyltoluene	13.502	119	1080508	48.157	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	526863	46.332	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	520058	46.120	ug/l	99
89) n-Butylbenzene	13.832	91	1048891	49.045	ug/l	99
90) Hexachloroethane	14.096	117	206619	46.985	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	466886	47.092	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32147	46.720	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	297342	45.299	ug/l	100
94) Hexachlorobutadiene	15.249	225	166422	43.586	ug/l	99
95) Naphthalene	15.385	128	537770	47.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	257290	45.284	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072322\
 Data File : VD072376.D
 Acq On : 23 Mar 2022 10:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

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