

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069408.D
 Acq On : 09 Jun 2021 16:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:26:01 PM

Quant Time: Jun 10 04:04:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	400793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	637169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	620998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	314529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186261	48.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.860%		
35) Dibromofluoromethane	7.914	113	196906	49.211	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.420%		
50) Toluene-d8	10.338	98	689450	47.385	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.760%		
62) 4-Bromofluorobenzene	12.626	95	245124	51.414	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	184152	43.650	ug/l	99
3) Chloromethane	2.209	50	184734	58.003	ug/l	98
4) Vinyl Chloride	2.344	62	228491	70.421	ug/l	95
5) Bromomethane	2.762	94	168776	71.299	ug/l	95
6) Chloroethane	2.921	64	159800	86.310	ug/l	98
7) Trichlorofluoromethane	3.268	101	361057	47.841	ug/l	99
8) Diethyl Ether	3.709	74	100244	54.065	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	220749	49.672	ug/l	100
10) Methyl Iodide	4.297	142	206958	45.828	ug/l	100
11) Tert butyl alcohol	5.220	59	70611	305.288	ug/l	96
12) 1,1-Dichloroethene	4.062	96	195761	48.698	ug/l	98
13) Acrolein	3.926	56	60826	237.816	ug/l	94
14) Allyl chloride	4.715	41	243278	50.158	ug/l	99
15) Acrylonitrile	5.426	53	195153	269.994	ug/l	98
16) Acetone	4.162	43	163224	243.217	ug/l	99
17) Carbon Disulfide	4.403	76	611449	45.997	ug/l	99
18) Methyl Acetate	4.720	43	94311	51.930	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	422924	57.284	ug/l	99
20) Methylene Chloride	4.962	84	276376	57.259	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	240408	50.495	ug/l	98
22) Diisopropyl ether	6.362	45	529998	56.895	ug/l	92
23) Vinyl Acetate	6.303	43	1578214	264.443	ug/l	99
24) 1,1-Dichloroethane	6.262	63	401906	51.559	ug/l	98
25) 2-Butanone	7.214	43	248569	281.478	ug/l	97
26) 2,2-Dichloropropane	7.209	77	348575	48.527	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	268235	53.191	ug/l	98
28) Bromochloromethane	7.544	49	133870	49.532	ug/l	92
29) Tetrahydrofuran	7.567	42	142943	281.622	ug/l	97
30) Chloroform	7.709	83	450934	52.914	ug/l	99
31) Cyclohexane	7.985	56	274655	44.947	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	391968	50.966	ug/l	99
36) 1,1-Dichloropropene	8.114	75	318213	51.380	ug/l	98
37) Ethyl Acetate	7.291	43	114671	54.530	ug/l	97
38) Carbon Tetrachloride	8.097	117	347905	52.028	ug/l	94
39) Methylcyclohexane	9.355	83	335488	52.953	ug/l	93
40) Benzene	8.350	78	952456	52.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	62863	61.572	ug/l	90
42) 1,2-Dichloroethane	8.426	62	264469	55.095	ug/l	99
43) Isopropyl Acetate	8.450	43	222827	58.222	ug/l	99
44) Trichloroethene	9.108	130	267639	54.764	ug/l	94
45) 1,2-Dichloropropane	9.385	63	239904	56.018	ug/l	99
46) Dibromomethane	9.473	93	138421	56.549	ug/l	94
47) Bromodichloromethane	9.661	83	353982	56.081	ug/l	97
48) Methyl methacrylate	9.456	41	98234	55.286	ug/l	85
49) 1,4-Dioxane	9.461	88	28773	1196.637	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	591998	299.482	ug/l	99
52) Toluene	10.403	92	627660	55.284	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	307065	54.472	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	356973	53.114	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	198309	58.404	ug/l	98
56) Ethyl methacrylate	10.661	69	219479	56.326	ug/l	97
57) 1,3-Dichloropropane	10.944	76	316955	57.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	474280	298.309	ug/l	100
59) 2-Hexanone	10.979	43	400028	302.734	ug/l	99
60) Dibromochloromethane	11.138	129	249024	58.205	ug/l	97
61) 1,2-Dibromoethane	11.244	107	189206	58.418	ug/l	97
64) Tetrachloroethene	10.873	164	227628	52.661	ug/l	96
65) Chlorobenzene	11.667	112	682127	53.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	262972	55.307	ug/l	98
67) Ethyl Benzene	11.744	91	1189532	54.559	ug/l	98
68) m/p-Xylenes	11.849	106	953643	111.625	ug/l	98
69) o-Xylene	12.179	106	431359	57.088	ug/l	100
70) Styrene	12.191	104	773832	58.996	ug/l	99
71) Bromoform	12.355	173	146457	59.387	ug/l #	100
73) Isopropylbenzene	12.473	105	1146235	53.249	ug/l	100
74) N-amyl acetate	12.285	43	210569	55.392	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	214603	53.404	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	158406m	57.966	ug/l	
77) Bromobenzene	12.755	156	286760	55.317	ug/l	97
78) n-propylbenzene	12.814	91	1401147	53.074	ug/l	100
79) 2-Chlorotoluene	12.902	91	786239	52.391	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	991518	54.387	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	62689	50.835	ug/l	94
82) 4-Chlorotoluene	13.002	91	833288	52.780	ug/l	99
83) tert-Butylbenzene	13.220	119	836052	54.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	995139	54.887	ug/l	98
85) sec-Butylbenzene	13.396	105	1210743	53.728	ug/l	99
86) p-Isopropyltoluene	13.508	119	1081121	54.869	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	563930	53.754	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	548520	52.460	ug/l	98
89) n-Butylbenzene	13.838	91	993827	53.910	ug/l	100
90) Hexachloroethane	14.102	117	193546	51.708	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	495688	54.832	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	32551	50.850	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	303402	55.938	ug/l	99
94) Hexachlorobutadiene	15.261	225	185261	54.403	ug/l	99
95) Naphthalene	15.390	128	561955	52.200	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	270769	56.720	ug/l	99

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

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