

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073679.D
 Acq On : 23 Jun 2022 21:36
 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 : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 07:40:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	204123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	328235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	314064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	163510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	121326	48.393	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.780%		
35) Dibromofluoromethane	7.903	113	123451	48.281	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.560%		
50) Toluene-d8	10.332	98	431507	47.001	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.000%		
62) 4-Bromofluorobenzene	12.620	95	169795	49.311	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	82097	45.467	ug/l	98
3) Chloromethane	2.209	50	77490	46.145	ug/l	93
4) Vinyl Chloride	2.344	62	77064	41.913	ug/l	98
5) Bromomethane	2.762	94	57390	46.842	ug/l	99
6) Chloroethane	2.915	64	54855	44.294	ug/l	96
7) Trichlorofluoromethane	3.268	101	186504	43.366	ug/l	99
8) Diethyl Ether	3.703	74	53565	48.569	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	106981	43.369	ug/l	99
10) Methyl Iodide	4.291	142	114830	48.906	ug/l	96
11) Tert butyl alcohol	5.203	59	70842	267.012	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	93342	44.500	ug/l	95
13) Acrolein	3.915	56	10886	256.960	ug/l	98
14) Allyl chloride	4.709	41	142370	46.036	ug/l	98
15) Acrylonitrile	5.409	53	132367	250.757	ug/l	98
16) Acetone	4.150	43	94027	232.568	ug/l	90
17) Carbon Disulfide	4.403	76	235437	44.483	ug/l	98
18) Methyl Acetate	4.709	43	54838	47.151	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	271799	49.758	ug/l	100
20) Methylene Chloride	4.956	84	132477	51.578	ug/l	86
21) trans-1,2-Dichloroethene	5.462	96	117413	47.051	ug/l	96
22) Diisopropyl ether	6.362	45	362595	52.223	ug/l	99
23) Vinyl Acetate	6.297	43	980818	269.448	ug/l	100
24) 1,1-Dichloroethane	6.256	63	219764	47.524	ug/l	97
25) 2-Butanone	7.203	43	151378	239.597	ug/l	97
26) 2,2-Dichloropropane	7.203	77	195029	44.773	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	141655	48.269	ug/l	99
28) Bromochloromethane	7.538	49	85901	52.636	ug/l	99
29) Tetrahydrofuran	7.556	42	98013	255.183	ug/l	99
30) Chloroform	7.703	83	252683	48.547	ug/l	99
31) Cyclohexane	7.979	56	161531	42.948	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	221896	47.463	ug/l	98
36) 1,1-Dichloropropene	8.103	75	165314	46.056	ug/l	99
37) Ethyl Acetate	7.285	43	67599	47.984	ug/l	96
38) Carbon Tetrachloride	8.091	117	194122	46.450	ug/l	95
39) Methylcyclohexane	9.350	83	177927	44.646	ug/l	97
40) Benzene	8.344	78	495121	47.650	ug/l	98

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41) Methacrylonitrile	7.514	41	44189	51.959	ug/l	93
42) 1,2-Dichloroethane	8.414	62	150906	48.203	ug/l	100
43) Isopropyl Acetate	8.444	43	139876	50.600	ug/l	98
44) Trichloroethene	9.103	130	138608	46.443	ug/l	91
45) 1,2-Dichloropropane	9.379	63	125236	48.076	ug/l	98
46) Dibromomethane	9.467	93	71182	47.071	ug/l	98
47) Bromodichloromethane	9.655	83	194410	49.050	ug/l	97
48) Methyl methacrylate	9.444	41	63567	45.311	ug/l	88
49) 1,4-Dioxane	9.450	88	16273	963.755	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	364754	256.770	ug/l	99
52) Toluene	10.397	92	327948	48.169	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	177280	49.167	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	201956	49.202	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	105867	49.663	ug/l	97
56) Ethyl methacrylate	10.650	69	124889	51.980	ug/l	98
57) 1,3-Dichloropropane	10.938	76	174050	49.518	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	235259	252.319	ug/l	99
59) 2-Hexanone	10.973	43	250677	261.386	ug/l	100
60) Dibromochloromethane	11.132	129	139475	49.647	ug/l	96
61) 1,2-Dibromoethane	11.238	107	99851	49.484	ug/l	97
64) Tetrachloroethene	10.867	164	109983	44.227	ug/l	98
65) Chlorobenzene	11.661	112	366749	47.712	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	145137	46.992	ug/l	97
67) Ethyl Benzene	11.738	91	640553	47.750	ug/l	97
68) m/p-Xylenes	11.844	106	498962	96.253	ug/l	99
69) o-Xylene	12.167	106	233253	48.512	ug/l	98
70) Styrene	12.185	104	420888	50.022	ug/l	99
71) Bromoform	12.349	173	82652	49.162	ug/l #	98
73) Isopropylbenzene	12.467	105	640496	47.971	ug/l	99
74) N-amyl acetate	12.279	43	136705	50.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	119557	47.463	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	66890m	42.037	ug/l	
77) Bromobenzene	12.749	156	152954	47.638	ug/l	100
78) n-propylbenzene	12.808	91	785939	48.160	ug/l	98
79) 2-Chlorotoluene	12.896	91	453058	47.660	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	550545	48.098	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	37484	48.093	ug/l	98
82) 4-Chlorotoluene	12.991	91	482765	47.771	ug/l	99
83) tert-Butylbenzene	13.208	119	484431	48.147	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	551182	49.022	ug/l	100
85) sec-Butylbenzene	13.385	105	698014	47.168	ug/l	98
86) p-Isopropyltoluene	13.502	119	589761	47.872	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	311351	46.566	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	310458	46.915	ug/l	99
89) n-Butylbenzene	13.826	91	537558	46.599	ug/l	98
90) Hexachloroethane	14.096	117	118353	46.605	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	278697	48.445	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	19253	45.784	ug/l	96
93) 1,2,4-Trichlorobenzene	15.138	180	161831	47.104	ug/l	99
94) Hexachlorobutadiene	15.243	225	92816	47.645	ug/l	95
95) Naphthalene	15.379	128	301668	49.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	144092	48.009	ug/l	98

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

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