

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071815.D
 Acq On : 28 Jan 2022 10:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 29 04:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2022
 Supervised By :Mahesh Dadoda 01/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	436492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	653605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	293881	53.268	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.540%			
35) Dibromofluoromethane	7.914	113	261014	55.946	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.900%			
50) Toluene-d8	10.338	98	1017697	58.408	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.820%			
62) 4-Bromofluorobenzene	12.626	95	345816	56.835	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	260560	50.339	ug/l	97
3) Chloromethane	2.215	50	315971	50.987	ug/l	94
4) Vinyl Chloride	2.356	62	337388	52.002	ug/l	99
5) Bromomethane	2.774	94	220659	51.546	ug/l	95
6) Chloroethane	2.926	64	214532	52.177	ug/l	99
7) Trichlorofluoromethane	3.279	101	483494	52.000	ug/l	98
8) Diethyl Ether	3.715	74	122564	49.958	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	276260	52.665	ug/l	99
10) Methyl Iodide	4.309	142	306805	57.052	ug/l	100
11) Tert butyl alcohol	5.226	59	74317	221.356	ug/l	99
12) 1,1-Dichloroethene	4.073	96	256372	53.462	ug/l	98
13) Acrolein	3.926	56	114154	232.957	ug/l	99
14) Allyl chloride	4.720	41	499952	54.694	ug/l	99
15) Acrylonitrile	5.420	53	296904	238.115	ug/l	100
16) Acetone	4.156	43	415877	275.372	ug/l	100
17) Carbon Disulfide	4.415	76	889625	53.204	ug/l	99
18) Methyl Acetate	4.715	43	138918	42.544	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	583683	50.879	ug/l	98
20) Methylene Chloride	4.968	84	284018	51.646	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	300356	53.802	ug/l	97
22) Diisopropyl ether	6.362	45	974815	54.411	ug/l	99
23) Vinyl Acetate	6.303	43	2655645	268.700	ug/l	100
24) 1,1-Dichloroethane	6.267	63	558697	53.503	ug/l	99
25) 2-Butanone	7.209	43	454436	258.115	ug/l	100
26) 2,2-Dichloropropane	7.209	77	469430	54.324	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	322354	53.761	ug/l	99
28) Bromochloromethane	7.544	49	171047	43.428	ug/l	100
29) Tetrahydrofuran	7.561	42	246388	236.519	ug/l	99
30) Chloroform	7.709	83	559446	52.440	ug/l	99
31) Cyclohexane	7.985	56	547479	51.980	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	500420	53.181	ug/l	99
36) 1,1-Dichloropropene	8.109	75	450206	56.223	ug/l	100
37) Ethyl Acetate	7.291	43	176433	47.391	ug/l	99
38) Carbon Tetrachloride	8.097	117	444228	56.097	ug/l	98
39) Methylcyclohexane	9.356	83	528895	57.004	ug/l	98
40) Benzene	8.350	78	1201386	55.581	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	101479	48.182	ug/l	92
42) 1,2-Dichloroethane	8.426	62	358093	52.465	ug/l	100
43) Isopropyl Acetate	8.450	43	333407	49.827	ug/l	98
44) Trichloroethene	9.108	130	310663	55.665	ug/l	94
45) 1,2-Dichloropropane	9.385	63	307188	55.117	ug/l	98
46) Dibromomethane	9.473	93	154572	52.967	ug/l	99
47) Bromodichloromethane	9.656	83	414018	53.644	ug/l	98
48) Methyl methacrylate	9.450	41	175449	49.545	ug/l	95
49) 1,4-Dioxane	9.456	88	31785	954.244	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	873210	249.377	ug/l	98
52) Toluene	10.403	92	760547	56.584	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	377813	53.299	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	455401	54.808	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	197681	51.040	ug/l	96
56) Ethyl methacrylate	10.655	69	255579	53.298	ug/l	99
57) 1,3-Dichloropropane	10.944	76	364451	52.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	568480	251.830	ug/l	99
59) 2-Hexanone	10.979	43	699524	275.245	ug/l	99
60) Dibromochloromethane	11.132	129	251975	52.684	ug/l	100
61) 1,2-Dibromoethane	11.244	107	194381	52.090	ug/l	99
64) Tetrachloroethene	10.873	164	252221	54.554	ug/l	93
65) Chlorobenzene	11.667	112	762383	55.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	272118	54.095	ug/l	99
67) Ethyl Benzene	11.738	91	1455541	57.207	ug/l	100
68) m/p-Xylenes	11.850	106	1111592	114.862	ug/l	98
69) o-Xylene	12.173	106	512394	58.262	ug/l	99
70) Styrene	12.191	104	877270	57.871	ug/l	100
71) Bromoform	12.355	173	136473	50.812	ug/l #	99
73) Isopropylbenzene	12.473	105	1376609	58.166	ug/l	100
74) N-amyl acetate	12.279	43	313357	53.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	214201	48.908	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	155677m	48.331	ug/l	
77) Bromobenzene	12.749	156	286860	54.488	ug/l	99
78) n-propylbenzene	12.814	91	1734774	58.456	ug/l	100
79) 2-Chlorotoluene	12.897	91	957477	56.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1155408	58.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	67183	51.284	ug/l	96
82) 4-Chlorotoluene	12.996	91	997655	57.021	ug/l	100
83) tert-Butylbenzene	13.214	119	968233	59.514	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1141040	59.090	ug/l	100
85) sec-Butylbenzene	13.391	105	1510476	59.337	ug/l	100
86) p-Isopropyltoluene	13.508	119	1243615	60.120	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	595660	55.719	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	576822	54.064	ug/l	100
89) n-Butylbenzene	13.832	91	1212605	59.749	ug/l	100
90) Hexachloroethane	14.102	117	238283	57.951	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	497936	54.428	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	34489	47.549	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	301830	56.476	ug/l	98
94) Hexachlorobutadiene	15.255	225	172005	59.025	ug/l	99
95) Naphthalene	15.385	128	539744	50.812	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	257911	56.302	ug/l	98

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

