

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073949.D
 Acq On : 04 Aug 2022 12:37
 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: Aug 05 07:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	177779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	290571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	269131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	140065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70451	47.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.903	113	77121	42.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.440%		
50) Toluene-d8	10.332	98	246215	40.487	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.980%		
62) 4-Bromofluorobenzene	12.620	95	101956	45.590	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	78824	50.705	ug/l	100
3) Chloromethane	2.209	50	111621	49.413	ug/l	95
4) Vinyl Chloride	2.344	62	157441	56.517	ug/l	97
5) Bromomethane	2.762	94	106732	54.254	ug/l	99
6) Chloroethane	2.915	64	107838	55.041	ug/l	97
7) Trichlorofluoromethane	3.262	101	152096	50.931	ug/l	93
8) Diethyl Ether	3.703	74	37614	50.045	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	88423	49.949	ug/l	99
10) Methyl Iodide	4.291	142	94487	48.812	ug/l	96
11) Tert butyl alcohol	5.226	59	31664	310.696	ug/l	98
12) 1,1-Dichloroethene	4.062	96	77466	49.388	ug/l	98
13) Acrolein	3.915	56	25385	234.176	ug/l	96
14) Allyl chloride	4.703	41	101874	48.037	ug/l	97
15) Acrylonitrile	5.409	53	80477	250.109	ug/l	99
16) Acetone	4.156	43	98593	302.007	ug/l	94
17) Carbon Disulfide	4.397	76	226802	47.060	ug/l	99
18) Methyl Acetate	4.715	43	37675	48.671	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	191668	50.472	ug/l	95
20) Methylene Chloride	4.956	84	104580	47.188	ug/l	95
21) trans-1,2-Dichloroethene	5.456	96	92050	49.243	ug/l	95
22) Diisopropyl ether	6.356	45	232022	50.390	ug/l	96
23) Vinyl Acetate	6.297	43	649470	266.884	ug/l	100
24) 1,1-Dichloroethane	6.256	63	151081	48.507	ug/l	99
25) 2-Butanone	7.203	43	120764	278.328	ug/l	98
26) 2,2-Dichloropropane	7.197	77	152723	48.494	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	102542	48.726	ug/l	98
28) Bromochloromethane	7.538	49	49690	47.808	ug/l	99
29) Tetrahydrofuran	7.556	42	67199	265.062	ug/l	99
30) Chloroform	7.697	83	175222	49.372	ug/l	100
31) Cyclohexane	7.979	56	133805	48.605	ug/l	95
32) 1,1,1-Trichloroethane	7.891	97	166623	49.307	ug/l	99
36) 1,1-Dichloropropene	8.103	75	130348	50.693	ug/l	99
37) Ethyl Acetate	7.285	43	49101	51.274	ug/l #	94
38) Carbon Tetrachloride	8.085	117	146375	50.817	ug/l	95
39) Methylcyclohexane	9.344	83	153192	50.828	ug/l	99
40) Benzene	8.338	78	359246	50.916	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	26524	47.981	ug/l	96
42) 1,2-Dichloroethane	8.414	62	109232	50.440	ug/l	98
43) Isopropyl Acetate	8.444	43	97224	51.270	ug/l	98
44) Trichloroethene	9.103	130	102538	48.240	ug/l	97
45) 1,2-Dichloropropane	9.373	63	82840	48.793	ug/l	97
46) Dibromomethane	9.461	93	55403	50.736	ug/l	98
47) Bromodichloromethane	9.650	83	135979	50.271	ug/l	96
48) Methyl methacrylate	9.444	41	45518	51.436	ug/l	94
49) 1,4-Dioxane	9.455	88	12476	1084.050	ug/l	95
51) 4-Methyl-2-Pentanone	10.214	43	249589	263.625	ug/l	99
52) Toluene	10.391	92	240852	50.166	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	124056	49.822	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	139895	49.626	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	70305	50.057	ug/l	95
56) Ethyl methacrylate	10.650	69	82687	51.708	ug/l	97
57) 1,3-Dichloropropane	10.932	76	115678	50.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	152632	249.415	ug/l	99
59) 2-Hexanone	10.973	43	184589	288.123	ug/l	99
60) Dibromochloromethane	11.126	129	96421	50.883	ug/l	100
61) 1,2-Dibromoethane	11.238	107	72234	50.741	ug/l	98
64) Tetrachloroethene	10.861	164	87780	45.831	ug/l	97
65) Chlorobenzene	11.655	112	261511	49.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	100549	49.199	ug/l	98
67) Ethyl Benzene	11.732	91	476278	50.542	ug/l	98
68) m/p-Xylenes	11.844	106	381057	102.005	ug/l	97
69) o-Xylene	12.167	106	182322	52.110	ug/l	94
70) Styrene	12.179	104	306935	51.938	ug/l	99
71) Bromoform	12.344	173	58575	52.184	ug/l #	100
73) Isopropylbenzene	12.467	105	473297	49.007	ug/l	99
74) N-amyl acetate	12.273	43	95035	49.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	81045	49.262	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	53318m	50.592	ug/l	
77) Bromobenzene	12.743	156	109138	48.005	ug/l	98
78) n-propylbenzene	12.808	91	582196	49.571	ug/l	100
79) 2-Chlorotoluene	12.891	91	328617	48.912	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	412207	50.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	24681	50.554	ug/l	99
82) 4-Chlorotoluene	12.991	91	341647	48.511	ug/l	98
83) tert-Butylbenzene	13.208	119	354162	49.574	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	409826	50.560	ug/l	100
85) sec-Butylbenzene	13.385	105	541339	50.079	ug/l	99
86) p-Isopropyltoluene	13.496	119	463861	51.086	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	231291	48.718	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	228626	48.615	ug/l	99
89) n-Butylbenzene	13.826	91	423675	50.603	ug/l	99
90) Hexachloroethane	14.090	117	85656	51.478	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	203041	50.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14026	50.052	ug/l	96
93) 1,2,4-Trichlorobenzene	15.137	180	122240	48.428	ug/l	100
94) Hexachlorobutadiene	15.243	225	64567	47.083	ug/l	98
95) Naphthalene	15.379	128	233389	50.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	107432	49.239	ug/l	97

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

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