

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006847.D
 Acq On : 22 Nov 2021 11:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 23 04:46:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74678	52.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.480%			
35) Dibromofluoromethane	7.722	113	53836	52.693	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.380%			
50) Toluene-d8	10.185	98	226368	53.542	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.080%			
62) 4-Bromofluorobenzene	12.483	95	80078	56.183	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	59010	56.337	ug/l	97
3) Chloromethane	2.119	50	90257	57.278	ug/l	99
4) Vinyl Chloride	2.259	62	88377	55.241	ug/l	98
5) Bromomethane	2.656	94	49135	57.639	ug/l	99
6) Chloroethane	2.802	64	46539	47.550	ug/l	98
7) Trichlorofluoromethane	3.137	101	108511	54.121	ug/l	97
8) Diethyl Ether	3.534	74	34564	51.762	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	55609	52.223	ug/l	99
10) Methyl Iodide	4.101	142	68041	51.118	ug/l	99
11) Tert butyl alcohol	4.960	59	33353	155.144	ug/l	97
12) 1,1-Dichloroethene	3.887	96	56465	53.466	ug/l	96
13) Acrolein	3.735	56	34618	1151.105	ug/l	99
14) Allyl chloride	4.491	41	117295	49.308	ug/l	98
15) Acrylonitrile	5.168	53	98332	255.310	ug/l	99
16) Acetone	3.954	43	102699	236.457	ug/l	96
17) Carbon Disulfide	4.204	76	188069	50.450	ug/l	99
18) Methyl Acetate	4.485	43	69213	49.228	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	175154	52.616	ug/l	100
20) Methylene Chloride	4.729	84	65966	50.975	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	63687	52.787	ug/l	96
22) Diisopropyl ether	6.125	45	242376	51.641	ug/l	97
23) Vinyl Acetate	6.064	43	731716	258.174	ug/l	99
24) 1,1-Dichloroethane	6.021	63	122292	51.047	ug/l	98
25) 2-Butanone	6.990	43	140990	224.481	ug/l	97
26) 2,2-Dichloropropane	6.984	77	117561	54.307	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	71807	52.698	ug/l	96
28) Bromochloromethane	7.338	49	57010	50.590	ug/l	93
29) Tetrahydrofuran	7.350	42	89827	249.220	ug/l	96
30) Chloroform	7.515	83	122360	53.130	ug/l	98
31) Cyclohexane	7.789	56	123340	49.090	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	113604	53.525	ug/l	99
36) 1,1-Dichloropropene	7.923	75	95585	52.869	ug/l	99
37) Ethyl Acetate	7.082	43	61417	50.809	ug/l	99
38) Carbon Tetrachloride	7.905	117	103236	55.826	ug/l	98
39) Methylcyclohexane	9.185	83	116215	52.706	ug/l	98
40) Benzene	8.167	78	271782	53.399	ug/l	99

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41) Methacrylonitrile	7.350	41	58565m	57.702	ug/l	
42) 1,2-Dichloroethane	8.240	62	93582	55.190	ug/l	100
43) Isopropyl Acetate	8.277	43	114698	50.584	ug/l	99
44) Trichloroethene	8.941	130	66588	53.780	ug/l	99
45) 1,2-Dichloropropane	9.222	63	68015	51.795	ug/l	99
46) Dibromomethane	9.307	93	36459	53.307	ug/l	98
47) Bromodichloromethane	9.502	83	94317	54.302	ug/l	99
48) Methyl methacrylate	9.295	41	53242	49.559	ug/l	98
49) 1,4-Dioxane	9.301	88	8863	1129.345	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	310024	259.567	ug/l	98
52) Toluene	10.246	92	168358	54.473	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	103729	54.942	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	111951	52.872	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	49876	54.625	ug/l	97
56) Ethyl methacrylate	10.514	69	76908	54.189	ug/l	98
57) 1,3-Dichloropropane	10.795	76	91297	54.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	199242	256.412	ug/l	98
59) 2-Hexanone	10.837	43	227124	258.274	ug/l	99
60) Dibromochloromethane	10.990	129	60400	53.966	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46554	55.032	ug/l	98
64) Tetrachloroethene	10.721	164	60599	53.335	ug/l	97
65) Chlorobenzene	11.520	112	171255	54.137	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	64738	54.724	ug/l	99
67) Ethyl Benzene	11.593	91	334184	55.734	ug/l	99
68) m/p-Xylenes	11.703	106	250905	109.798	ug/l	100
69) o-Xylene	12.032	106	119257	55.090	ug/l	99
70) Styrene	12.050	104	205566	56.226	ug/l	99
71) Bromoform	12.209	173	39137	54.658	ug/l #	98
73) Isopropylbenzene	12.337	105	327358	50.838	ug/l	100
74) N-amyl acetate	12.148	43	105347	45.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	57545	48.300	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	43612m	47.439	ug/l	
77) Bromobenzene	12.611	156	80421	54.839	ug/l	93
78) n-propylbenzene	12.672	91	405343	51.636	ug/l	98
79) 2-Chlorotoluene	12.758	91	224837	52.340	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	283073	53.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22828	49.203	ug/l #	77
82) 4-Chlorotoluene	12.861	91	236895	52.755	ug/l	100
83) tert-Butylbenzene	13.081	119	247904	54.083	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	277742	52.711	ug/l	99
85) sec-Butylbenzene	13.258	105	358685	52.546	ug/l	99
86) p-Isopropyltoluene	13.373	119	306137	52.978	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	156260	53.504	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	156688	54.367	ug/l	99
89) n-Butylbenzene	13.703	91	273693	50.195	ug/l	98
90) Hexachloroethane	13.965	117	53887	51.745	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	140012	55.627	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10099	47.953	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	82502	50.104	ug/l	98
94) Hexachlorobutadiene	15.117	225	55246	51.420	ug/l	99
95) Naphthalene	15.239	128	138868	45.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68266	49.752	ug/l	99

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

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