

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090821\
 Data File : VY005965.D
 Acq On : 08 Sep 2021 14:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:49:42 AM

Quant Time: Sep 09 04:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	254138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	341158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118075	46.105	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.200%			
35) Dibromofluoromethane	7.722	113	106011	52.240	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.480%			
50) Toluene-d8	10.185	98	429729	50.458	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.483	95	148906	52.070	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	103565	45.640	ug/l	100
3) Chloromethane	2.119	50	104641	43.540	ug/l	97
4) Vinyl Chloride	2.253	62	136764	43.780	ug/l	100
5) Bromomethane	2.650	94	107482	50.996	ug/l	94
6) Chloroethane	2.796	64	85699	45.879	ug/l	99
7) Trichlorofluoromethane	3.131	101	204847	51.336	ug/l	99
8) Diethyl Ether	3.540	74	73189	53.882	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	121465	56.531	ug/l	99
10) Methyl Iodide	4.101	142	120041	44.456	ug/l	97
11) Tert butyl alcohol	4.954	59	113106	224.593	ug/l	98
12) 1,1-Dichloroethene	3.881	96	119218	54.649	ug/l	94
13) Acrolein	3.735	56	21839	270.109	ug/l	97
14) Allyl chloride	4.491	41	192177	52.380	ug/l	95
15) Acrylonitrile	5.180	53	182835	266.162	ug/l	100
16) Acetone	3.954	43	159367	244.047	ug/l	96
17) Carbon Disulfide	4.204	76	364171	52.263	ug/l	98
18) Methyl Acetate	4.491	43	93789	51.730	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	362650	55.373	ug/l	98
20) Methylene Chloride	4.729	84	149442	61.132	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	134953	55.442	ug/l	99
22) Diisopropyl ether	6.125	45	403403	54.116	ug/l	96
23) Vinyl Acetate	6.070	43	1203916	266.133	ug/l	98
24) 1,1-Dichloroethane	6.027	63	233729	54.966	ug/l	99
25) 2-Butanone	6.996	43	238119	258.117	ug/l	96
26) 2,2-Dichloropropane	6.990	77	211159	53.077	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	156227	57.118	ug/l	96
28) Bromochloromethane	7.344	49	85095	48.544	ug/l	94
29) Tetrahydrofuran	7.356	42	138648	231.954	ug/l	97
30) Chloroform	7.515	83	215821	49.461	ug/l	100
31) Cyclohexane	7.789	56	192043	44.459	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	197466	48.603	ug/l	98
36) 1,1-Dichloropropene	7.923	75	165864	48.753	ug/l	99
37) Ethyl Acetate	7.082	43	104296	51.189	ug/l	97
38) Carbon Tetrachloride	7.905	117	182212	49.412	ug/l	99
39) Methylcyclohexane	9.185	83	212406	49.292	ug/l	98
40) Benzene	8.167	78	479682	49.905	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	53870m	47.479	ug/l	
42) 1,2-Dichloroethane	8.246	62	145290	46.535	ug/l	98
43) Isopropyl Acetate	8.277	43	174785	47.230	ug/l	98
44) Trichloroethene	8.947	130	137746	51.101	ug/l	99
45) 1,2-Dichloropropane	9.222	63	117567	49.849	ug/l	100
46) Dibromomethane	9.307	93	68615	50.555	ug/l	96
47) Bromodichloromethane	9.502	83	170116	51.575	ug/l	99
48) Methyl methacrylate	9.295	41	79700	46.857	ug/l	94
49) 1,4-Dioxane	9.301	88	19202	1027.290	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	469632	235.526	ug/l	97
52) Toluene	10.246	92	311996	50.365	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	184778	50.522	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	202767	50.529	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	101624	52.276	ug/l	99
56) Ethyl methacrylate	10.514	69	145293	51.635	ug/l	92
57) 1,3-Dichloropropane	10.794	76	171340	50.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	355564	244.807	ug/l	99
59) 2-Hexanone	10.837	43	331461	237.941	ug/l	96
60) Dibromochloromethane	10.990	129	127686	53.499	ug/l	100
61) 1,2-Dibromoethane	11.093	107	98205	53.033	ug/l	99
64) Tetrachloroethene	10.721	164	136368	48.819	ug/l	99
65) Chlorobenzene	11.520	112	343739	50.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	133064	51.926	ug/l	98
67) Ethyl Benzene	11.593	91	613839	50.163	ug/l	100
68) m/p-Xylenes	11.703	106	482225	99.934	ug/l	100
69) o-Xylene	12.032	106	230415	50.860	ug/l	99
70) Styrene	12.044	104	393074	50.866	ug/l	99
71) Bromoform	12.209	173	90501	53.567	ug/l #	99
73) Isopropylbenzene	12.331	105	604710	50.672	ug/l	99
74) N-amyl acetate	12.142	43	160887	46.990	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	117584	51.774	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	78544m	46.870	ug/l	
77) Bromobenzene	12.611	156	155597	51.765	ug/l	97
78) n-propylbenzene	12.672	91	723340	50.717	ug/l	100
79) 2-Chlorotoluene	12.758	91	406837	51.240	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	505698	50.578	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	43113	48.927	ug/l	97
82) 4-Chlorotoluene	12.855	91	418018	50.181	ug/l	99
83) tert-Butylbenzene	13.075	119	449762	51.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	502639	50.681	ug/l	99
85) sec-Butylbenzene	13.251	105	654508	50.814	ug/l	99
86) p-Isopropyltoluene	13.367	119	562324	50.382	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	301335	51.522	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	296100	50.684	ug/l	100
89) n-Butylbenzene	13.696	91	504050	50.475	ug/l	99
90) Hexachloroethane	13.959	117	104815	51.748	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	263438	50.798	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20093	47.172	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	174161	49.752	ug/l	99
94) Hexachlorobutadiene	15.111	225	113744	50.441	ug/l	99
95) Naphthalene	15.239	128	333620	49.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	152308	49.836	ug/l	98

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

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