

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006271.D
 Acq On : 01 Oct 2021 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:49:19 PM

Quant Time: Oct 02 02:15:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	143170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82284	53.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.400%			
35) Dibromofluoromethane	7.722	113	60040	50.266	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.540%			
50) Toluene-d8	10.185	98	243835	48.777	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.483	95	86406	50.880	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66663	45.904	ug/l	99
3) Chloromethane	2.119	50	85992	50.838	ug/l	98
4) Vinyl Chloride	2.259	62	99541	53.099	ug/l	99
5) Bromomethane	2.656	94	63476	52.101	ug/l	95
6) Chloroethane	2.802	64	55834	50.618	ug/l	100
7) Trichlorofluoromethane	3.137	101	120906	48.965	ug/l	92
8) Diethyl Ether	3.534	74	42799	52.477	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	62066	47.085	ug/l	98
10) Methyl Iodide	4.101	142	59438	41.375	ug/l	97
11) Tert butyl alcohol	4.960	59	35148	262.218	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	64718	48.264	ug/l	98
13) Acrolein	3.735	56	27165	283.284	ug/l	99
14) Allyl chloride	4.491	41	125001	48.474	ug/l	98
15) Acrylonitrile	5.173	53	117524	273.971	ug/l	99
16) Acetone	3.954	43	100631	235.128	ug/l	94
17) Carbon Disulfide	4.204	76	208147	46.413	ug/l	99
18) Methyl Acetate	4.485	43	81041	56.156	ug/l	96
19) Methyl tert-butyl Ether	5.234	73	212516	54.270	ug/l	98
20) Methylene Chloride	4.722	84	78224	53.266	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	72631	48.856	ug/l	98
22) Diisopropyl ether	6.125	45	253527	49.696	ug/l	97
23) Vinyl Acetate	6.070	43	781066	255.428	ug/l	97
24) 1,1-Dichloroethane	6.027	63	134532	49.121	ug/l	98
25) 2-Butanone	6.996	43	153670	257.761	ug/l	94
26) 2,2-Dichloropropane	6.990	77	120885	48.267	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	84239	50.595	ug/l	95
28) Bromochloromethane	7.344	49	58812	51.573	ug/l	92
29) Tetrahydrofuran	7.356	42	100551	267.017	ug/l	94
30) Chloroform	7.515	83	139054	50.897	ug/l	96
31) Cyclohexane	7.795	56	126171	43.461	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	128267	50.846	ug/l	98
36) 1,1-Dichloropropene	7.923	75	105211	47.298	ug/l	99
37) Ethyl Acetate	7.082	43	67719	52.259	ug/l	98
38) Carbon Tetrachloride	7.911	117	117041	49.829	ug/l	96
39) Methylcyclohexane	9.185	83	130895	46.847	ug/l	98
40) Benzene	8.167	78	307060	48.656	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	35796m	42.585	ug/l	
42) 1,2-Dichloroethane	8.246	62	108145	53.185	ug/l	98
43) Isopropyl Acetate	8.277	43	131216	52.795	ug/l	97
44) Trichloroethene	8.941	130	82878	50.848	ug/l	100
45) 1,2-Dichloropropane	9.222	63	74026	47.647	ug/l #	88
46) Dibromomethane	9.307	93	42439	51.300	ug/l	94
47) Bromodichloromethane	9.502	83	110170	51.721	ug/l	97
48) Methyl methacrylate	9.295	41	61075	51.223	ug/l	95
49) 1,4-Dioxane	9.301	88	9939	920.836	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	352481	273.134	ug/l	97
52) Toluene	10.246	92	195737	50.004	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	118880	51.186	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	127710	50.020	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	60864	52.286	ug/l	97
56) Ethyl methacrylate	10.514	69	93957	53.103	ug/l	95
57) 1,3-Dichloropropane	10.794	76	107897	51.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	221020	254.949	ug/l	97
59) 2-Hexanone	10.837	43	247789	269.589	ug/l	97
60) Dibromochloromethane	10.990	129	74918	52.973	ug/l	99
61) 1,2-Dibromoethane	11.093	107	57426	52.103	ug/l	100
64) Tetrachloroethene	10.721	164	93310	54.726	ug/l	97
65) Chlorobenzene	11.520	112	206029	49.116	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	78516	50.791	ug/l	99
67) Ethyl Benzene	11.593	91	385558	48.762	ug/l	99
68) m/p-Xylenes	11.703	106	297018	98.989	ug/l	98
69) o-Xylene	12.032	106	143622	50.681	ug/l	96
70) Styrene	12.044	104	247153	51.356	ug/l	98
71) Bromoform	12.209	173	51520	53.591	ug/l #	99
73) Isopropylbenzene	12.331	105	374785	47.920	ug/l	100
74) N-amyl acetate	12.148	43	120297	49.555	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	65244	46.190	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	49374m	46.525	ug/l	
77) Bromobenzene	12.611	156	91365	49.824	ug/l	95
78) n-propylbenzene	12.672	91	453670	47.123	ug/l	99
79) 2-Chlorotoluene	12.757	91	253036	47.497	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	317150	48.495	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	26438	48.957	ug/l	100
82) 4-Chlorotoluene	12.855	91	261273	47.419	ug/l	99
83) tert-Butylbenzene	13.075	119	270005	48.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	314343	48.678	ug/l	99
85) sec-Butylbenzene	13.251	105	404784	47.907	ug/l	100
86) p-Isopropyltoluene	13.367	119	343911	48.234	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	179150	49.310	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	176668	49.317	ug/l	99
89) n-Butylbenzene	13.696	91	318023	46.941	ug/l	99
90) Hexachloroethane	13.965	117	61456	47.462	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	159474	50.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13760	51.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	103366	49.238	ug/l	98
94) Hexachlorobutadiene	15.111	225	65604	47.902	ug/l	99
95) Naphthalene	15.239	128	214280	51.374	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	93007	49.986	ug/l	99

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