

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005564.D
 Acq On : 06 Aug 2021 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda

8/9/2021 6:27:28 PM

Quant Time: Aug 07 06:16:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	329847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	477318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	424645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	150045	44.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.88%
35) Dibromofluoromethane	7.722	113	126996	47.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.04%
50) Toluene-d8	10.185	98	519372	46.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.68%
62) 4-Bromofluorobenzene	12.483	95	172591	46.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	113584	41.93	ug/l	95
3) Chloromethane	2.119	50	141619	43.76	ug/l	99
4) Vinyl Chloride	2.259	62	180429	46.55	ug/l	98
5) Bromomethane	2.655	94	118576	46.48	ug/l	100
6) Chloroethane	2.802	64	116682	49.87	ug/l	100
7) Trichlorofluoromethane	3.131	101	259224	49.95	ug/l	99
8) Diethyl Ether	3.539	74	85004	46.90	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	136437	48.47	ug/l	99
10) Methyl Iodide	4.100	142	165287	47.13	ug/l	97
11) Tert butyl alcohol	4.978	59	73167	221.67	ug/l	99
12) 1,1-Dichloroethene	3.881	96	135418	47.64	ug/l	98
13) Acrolein	3.741	56	41837	210.08	ug/l	97
14) Allyl chloride	4.491	41	242073	48.62	ug/l	99
15) Acrylonitrile	5.173	53	216870	233.46	ug/l	100
16) Acetone	3.960	43	251882	299.21	ug/l	94
17) Carbon Disulfide	4.204	76	401944	45.87	ug/l	99
18) Methyl Acetate	4.491	43	97118	44.11	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	422844	48.02	ug/l	100
20) Methylene Chloride	4.728	84	178860	54.10	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	151238	47.59	ug/l	99
22) Diisopropyl ether	6.130	45	503718	49.04	ug/l	99
23) Vinyl Acetate	6.070	43	1652140	241.70	ug/l	99
24) 1,1-Dichloroethane	6.027	63	280363	49.25	ug/l	100
25) 2-Butanone	6.996	43	321168	258.10	ug/l	99
26) 2,2-Dichloropropane	6.990	77	260921	50.17	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	172837	47.82	ug/l	97
28) Bromochloromethane	7.344	49	103749	45.67	ug/l	97
29) Tetrahydrofuran	7.356	42	188402	228.91	ug/l	99
30) Chloroform	7.514	83	281190	48.40	ug/l	99
31) Cyclohexane	7.789	56	266152	46.47	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	257645	48.24	ug/l	99
36) 1,1-Dichloropropene	7.923	75	222555	49.71	ug/l	99
37) Ethyl Acetate	7.082	43	127264	46.92	ug/l	99
38) Carbon Tetrachloride	7.905	117	235781	48.46	ug/l	98
39) Methylcyclohexane	9.185	83	276936	48.62	ug/l	99
40) Benzene	8.167	78	620039	48.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	61266m	41.63	ug/l	
42) 1,2-Dichloroethane	8.246	62	195874	47.10	ug/l	100
43) Isopropyl Acetate	8.283	43	246419	47.99	ug/l	100
44) Trichloroethene	8.941	130	170768	48.80	ug/l	100
45) 1,2-Dichloropropane	9.221	63	157212	49.02	ug/l	99
46) Dibromomethane	9.313	93	85452	48.18	ug/l	98
47) Bromodichloromethane	9.502	83	217386	48.98	ug/l	100
48) Methyl methacrylate	9.295	41	110916	47.80	ug/l	98
49) 1,4-Dioxane	9.307	88	24261	984.35	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	648349	239.76	ug/l	99
52) Toluene	10.246	92	396567	48.51	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	241046	48.60	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	267293	49.65	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	125960	49.09	ug/l	99
56) Ethyl methacrylate	10.514	69	189219	49.25	ug/l	98
57) 1,3-Dichloropropane	10.794	76	218423	48.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	465362	253.48	ug/l	99
59) 2-Hexanone	10.837	43	485653	254.10	ug/l	98
60) Dibromochloromethane	10.989	129	151802	47.80	ug/l	100
61) 1,2-Dibromoethane	11.093	107	116202	47.81	ug/l	99
64) Tetrachloroethene	10.721	164	158811	49.13	ug/l	98
65) Chlorobenzene	11.520	112	422325	49.42	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	159538	49.60	ug/l	99
67) Ethyl Benzene	11.593	91	771068	49.76	ug/l	99
68) m/p-Xylenes	11.703	106	599108	99.55	ug/l	99
69) o-Xylene	12.032	106	287616	49.72	ug/l	100
70) Styrene	12.044	104	488655	50.19	ug/l	100
71) Bromoform	12.209	173	102878	49.33	ug/l #	100
73) Isopropylbenzene	12.331	105	761322	50.38	ug/l	100
74) N-amyl acetate	12.148	43	229640	50.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	144004	49.54	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	101578m	45.28	ug/l	
77) Bromobenzene	12.611	156	181648	48.93	ug/l	96
78) n-propylbenzene	12.672	91	915412	51.00	ug/l	99
79) 2-Chlorotoluene	12.757	91	507091	50.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	627678	50.05	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	56276	50.57	ug/l	95
82) 4-Chlorotoluene	12.855	91	519108	49.78	ug/l	100
83) tert-Butylbenzene	13.074	119	555397	49.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	621457	50.22	ug/l	99
85) sec-Butylbenzene	13.251	105	817519	50.37	ug/l	100
86) p-Isopropyltoluene	13.367	119	700777	50.29	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	357256	49.31	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	352898	49.10	ug/l	99
89) n-Butylbenzene	13.696	91	649404	51.44	ug/l	100
90) Hexachloroethane	13.958	117	126452	50.47	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	311785	48.72	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26832	48.70	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	224402	51.05	ug/l	100
94) Hexachlorobutadiene	15.111	225	142703	50.14	ug/l	99
95) Naphthalene	15.239	128	437805	50.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	199216	51.16	ug/l	99

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

