

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004110.D
 Acq On : 17 Mar 2021 17:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 4:05:14 PM

Quant Time: Mar 18 10:38:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	206990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	329287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	95886	46.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.88%
35) Dibromofluoromethane	7.734	113	92030	49.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.12%
50) Toluene-d8	10.185	98	348970	47.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.88%
62) 4-Bromofluorobenzene	12.483	95	126208	46.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.88%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	59425	40.66	ug/l	97
3) Chloromethane	2.119	50	86380	42.92	ug/l	97
4) Vinyl Chloride	2.259	62	102150	40.84	ug/l	97
5) Bromomethane	2.656	94	72043	45.08	ug/l	96
6) Chloroethane	2.802	64	66926	43.93	ug/l	99
7) Trichlorofluoromethane	3.137	101	148600	44.70	ug/l	98
8) Diethyl Ether	3.540	74	49954	46.88	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.918	101	84371	45.37	ug/l	97
10) Methyl Iodide	4.107	142	89360	47.02	ug/l	98
11) Tert butyl alcohol	4.972	59	39070	211.55	ug/l	98
12) 1,1-Dichloroethene	3.887	96	80647	44.31	ug/l	93
13) Acrolein	3.741	56	43194	235.77	ug/l	99
14) Allyl chloride	4.491	41	123766	41.12	ug/l #	88
15) Acrylonitrile	5.186	53	116314	219.61	ug/l	99
16) Acetone	3.960	43	90964	184.49	ug/l	95
17) Carbon Disulfide	4.210	76	217361	40.62	ug/l	99
18) Methyl Acetate	4.491	43	53158	43.64	ug/l #	90
19) Methyl tert-butyl Ether	5.241	73	241895	46.68	ug/l	100
20) Methylene Chloride	4.735	84	95351	47.87	ug/l	90
21) trans-1,2-Dichloroethene	5.241	96	94035	45.99	ug/l	93
22) Diisopropyl ether	6.131	45	279116	43.93	ug/l	93
23) Vinyl Acetate	6.076	43	900255	215.24	ug/l	95
24) 1,1-Dichloroethane	6.039	63	161446	45.77	ug/l	98
25) 2-Butanone	7.002	43	146112	205.57	ug/l	91
26) 2,2-Dichloropropane	6.996	77	150107	44.55	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	110129	47.31	ug/l	92
28) Bromochloromethane	7.350	49	68598	44.53	ug/l	86
29) Tetrahydrofuran	7.362	42	96132	208.20	ug/l	92
30) Chloroform	7.521	83	175921	48.13	ug/l	98
31) Cyclohexane	7.795	56	140932	39.33	ug/l	87
32) 1,1,1-Trichloroethane	7.716	97	160949	47.46	ug/l	98
36) 1,1-Dichloropropene	7.929	75	130347	45.06	ug/l	98
37) Ethyl Acetate	7.088	43	66056	42.39	ug/l	96
38) Carbon Tetrachloride	7.911	117	145791	47.50	ug/l	99
39) Methylcyclohexane	9.191	83	163174	43.67	ug/l	90
40) Benzene	8.173	78	378640	46.46	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	46998m	48.67	ug/l	
42) 1,2-Dichloroethane	8.246	62	117400	47.13	ug/l	97
43) Isopropyl Acetate	8.283	43	133581	42.72	ug/l	96
44) Trichloroethene	8.947	130	118140	50.06	ug/l	99
45) 1,2-Dichloropropane	9.228	63	93721	46.06	ug/l	99
46) Dibromomethane	9.313	93	56069	48.20	ug/l	97
47) Bromodichloromethane	9.502	83	140172	48.27	ug/l	99
48) Methyl methacrylate	9.301	41	61384	41.32	ug/l #	88
49) 1,4-Dioxane	9.307	88	13721	926.59	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	339724	214.53	ug/l	95
52) Toluene	10.252	92	249942	47.36	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	141102	46.06	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	159381	46.43	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	77999	47.68	ug/l	97
56) Ethyl methacrylate	10.514	69	104186	45.56	ug/l	92
57) 1,3-Dichloropropane	10.794	76	133289	47.58	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	199920	221.30	ug/l	94
59) 2-Hexanone	10.837	43	234800	211.04	ug/l	97
60) Dibromochloromethane	10.990	129	102229	49.78	ug/l	100
61) 1,2-Dibromoethane	11.093	107	76701	48.15	ug/l	99
64) Tetrachloroethene	10.721	164	128281	51.79	ug/l	95
65) Chlorobenzene	11.520	112	276307	48.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	105943	49.94	ug/l	100
67) Ethyl Benzene	11.599	91	485521	46.63	ug/l	96
68) m/p-Xylenes	11.709	106	378619	95.36	ug/l	94
69) o-Xylene	12.032	106	179819	47.91	ug/l	94
70) Styrene	12.044	104	307273	47.81	ug/l	98
71) Bromoform	12.209	173	62329	49.11	ug/l #	98
73) Isopropylbenzene	12.331	105	490276	46.85	ug/l	99
74) N-amyl acetate	12.148	43	121620	40.58	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	78002	42.91	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	65444m	45.33	ug/l	
77) Bromobenzene	12.611	156	118073	48.84	ug/l	96
78) n-propylbenzene	12.672	91	566084	45.92	ug/l	97
79) 2-Chlorotoluene	12.757	91	320612	46.33	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	414812	46.74	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	31608	43.21	ug/l	97
82) 4-Chlorotoluene	12.855	91	335672	45.82	ug/l	96
83) tert-Butylbenzene	13.075	119	361686	47.37	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	413704	46.54	ug/l	96
85) sec-Butylbenzene	13.257	105	497368	47.24	ug/l	99
86) p-Isopropyltoluene	13.373	119	463205	47.45	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	224986	48.21	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	223302	47.94	ug/l	99
89) n-Butylbenzene	13.696	91	420775	45.29	ug/l	98
90) Hexachloroethane	13.965	117	82706	47.15	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	204720	49.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14647	42.65	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	137102	48.84	ug/l	97
94) Hexachlorobutadiene	15.111	225	73252	46.55	ug/l	99
95) Naphthalene	15.239	128	266576	47.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	116673	49.43	ug/l	99

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

