

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004192.D
 Acq On : 24 Mar 2021 17:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 3/25/2021 4:57:31 PM

Quant Time: Mar 25 01:21:51 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	208471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	298683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108546	52.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.52%
35) Dibromofluoromethane	7.728	113	99483	53.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.78%
50) Toluene-d8	10.185	98	363942	49.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.64%
62) 4-Bromofluorobenzene	12.483	95	134598	49.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.78%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	65106	44.73	ug/l	100
3) Chloromethane	2.119	50	89773	44.43	ug/l	99
4) Vinyl Chloride	2.259	62	106940	42.45	ug/l	99
5) Bromomethane	2.650	94	71720	44.56	ug/l	95
6) Chloroethane	2.802	64	70352	45.85	ug/l	99
7) Trichlorofluoromethane	3.131	101	159140	47.53	ug/l	100
8) Diethyl Ether	3.534	74	56999	53.11	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	90884	48.52	ug/l	98
10) Methyl Iodide	4.101	142	94679	49.47	ug/l	99
11) Tert butyl alcohol	4.972	59	53032	285.11	ug/l	97
12) 1,1-Dichloroethene	3.881	96	86196	47.03	ug/l	96
13) Acrolein	3.741	56	38353	207.86	ug/l	98
14) Allyl chloride	4.497	41	135582	44.72	ug/l #	89
15) Acrylonitrile	5.180	53	143393	268.81	ug/l	98
16) Acetone	3.960	43	110966	223.46	ug/l	92
17) Carbon Disulfide	4.204	76	219192	40.67	ug/l	97
18) Methyl Acetate	4.491	43	69424	56.59	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	283423	54.31	ug/l	98
20) Methylene Chloride	4.729	84	104963	52.84	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	100270	48.69	ug/l	93
22) Diisopropyl ether	6.131	45	313124	48.93	ug/l	93
23) Vinyl Acetate	6.076	43	1059989	251.63	ug/l	95
24) 1,1-Dichloroethane	6.033	63	175135	49.29	ug/l	99
25) 2-Butanone	6.996	43	188511	263.34	ug/l	92
26) 2,2-Dichloropropane	6.990	77	159119	46.89	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	119866	51.13	ug/l	92
28) Bromochloromethane	7.344	49	72863	46.96	ug/l	87
29) Tetrahydrofuran	7.356	42	124026	266.70	ug/l	91
30) Chloroform	7.515	83	193053	52.44	ug/l	100
31) Cyclohexane	7.795	56	149518	41.43	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	173284	50.74	ug/l	99
36) 1,1-Dichloropropene	7.929	75	139506	48.06	ug/l	98
37) Ethyl Acetate	7.088	43	83171	53.19	ug/l	97
38) Carbon Tetrachloride	7.911	117	156250	50.73	ug/l	99
39) Methylcyclohexane	9.185	83	171744	45.80	ug/l	92
40) Benzene	8.167	78	410165	50.16	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	53677m	55.40	ug/l	
42) 1,2-Dichloroethane	8.246	62	134386	53.77	ug/l	97
43) Isopropyl Acetate	8.283	43	165250	52.66	ug/l	97
44) Trichloroethene	8.947	130	127287	53.75	ug/l	98
45) 1,2-Dichloropropane	9.222	63	104448	51.16	ug/l	98
46) Dibromomethane	9.313	93	63895	54.74	ug/l	97
47) Bromodichloromethane	9.502	83	154978	53.19	ug/l	98
48) Methyl methacrylate	9.295	41	76892	51.58	ug/l	89
49) 1,4-Dioxane	9.307	88	17445	1174.08	ug/l #	89
51) 4-Methyl-2-Pentanone	10.075	43	434330	273.34	ug/l	97
52) Toluene	10.246	92	265537	50.14	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	158235	51.47	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	178766	51.90	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	91336	55.64	ug/l	97
56) Ethyl methacrylate	10.514	69	124076	54.08	ug/l	92
57) 1,3-Dichloropropane	10.794	76	153022	54.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	229873	256.48	ug/l	94
59) 2-Hexanone	10.837	43	303683	272.02	ug/l	97
60) Dibromochloromethane	10.990	129	116343	56.46	ug/l	98
61) 1,2-Dibromoethane	11.093	107	87214	54.56	ug/l	100
64) Tetrachloroethene	10.721	164	140395	56.15	ug/l	96
65) Chlorobenzene	11.520	112	297315	51.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	118086	55.15	ug/l	98
67) Ethyl Benzene	11.593	91	530743	50.50	ug/l	98
68) m/p-Xylenes	11.703	106	406289	101.38	ug/l	95
69) o-Xylene	12.032	106	194728	51.40	ug/l	96
70) Styrene	12.044	104	332704	51.28	ug/l	98
71) Bromoform	12.209	173	72435	56.54	ug/l #	99
73) Isopropylbenzene	12.331	105	525051	50.08	ug/l	99
74) N-amyl acetate	12.148	43	152010	50.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	95110	52.22	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	73867m	51.06	ug/l	
77) Bromobenzene	12.611	156	129243	53.36	ug/l	98
78) n-propylbenzene	12.672	91	607100	49.15	ug/l	98
79) 2-Chlorotoluene	12.758	91	343070	49.47	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	445177	50.06	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37047	50.55	ug/l	96
82) 4-Chlorotoluene	12.855	91	357672	48.73	ug/l	96
83) tert-Butylbenzene	13.075	119	390084	50.98	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	447010	50.19	ug/l	97
85) sec-Butylbenzene	13.257	105	524297	49.69	ug/l	99
86) p-Isopropyltoluene	13.373	119	491612	50.26	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	245159	52.43	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	244461	52.38	ug/l	99
89) n-Butylbenzene	13.696	91	452382	48.60	ug/l	99
90) Hexachloroethane	13.965	117	89016	50.64	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	223496	53.89	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19550	56.81	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	151804	53.97	ug/l	98
94) Hexachlorobutadiene	15.111	225	81479	51.67	ug/l	99
95) Naphthalene	15.239	128	326213	58.54	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	132417	55.99	ug/l	99

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

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