

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004152.D
 Acq On : 22 Mar 2021 10:04
 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
 3/23/2021 4:08:52 PM

Quant Time: Mar 23 01:06:38 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	197504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	279117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91253	46.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.64%		
35) Dibromofluoromethane	7.728	113	88231	50.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.56%		
50) Toluene-d8	10.185	98	335132	49.20	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.40%		
62) 4-Bromofluorobenzene	12.483	95	121206	48.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	61030	44.20	ug/l	97
3) Chloromethane	2.119	50	89946	47.24	ug/l	100
4) Vinyl Chloride	2.260	62	104308	43.70	ug/l	100
5) Bromomethane	2.656	94	69682	45.69	ug/l	99
6) Chloroethane	2.802	64	67270	46.28	ug/l	98
7) Trichlorofluoromethane	3.137	101	149232	47.04	ug/l	96
8) Diethyl Ether	3.540	74	47365	46.58	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	86006	48.47	ug/l	97
10) Methyl Iodide	4.107	142	89898	49.58	ug/l	99
11) Tert butyl alcohol	4.966	59	38599	219.04	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	80399	46.30	ug/l	94
13) Acrolein	3.741	56	35889	205.31	ug/l	98
14) Allyl chloride	4.491	41	126986	44.21	ug/l #	89
15) Acrylonitrile	5.180	53	117341	232.19	ug/l	98
16) Acetone	3.961	43	118178	251.20	ug/l	94
17) Carbon Disulfide	4.204	76	214047	41.92	ug/l	98
18) Methyl Acetate	4.491	43	54218	46.65	ug/l	93
19) Methyl tert-butyl Ether	5.235	73	237038	47.94	ug/l	96
20) Methylene Chloride	4.729	84	92257	48.62	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	93001	47.67	ug/l	94
22) Diisopropyl ether	6.131	45	279072	46.03	ug/l	97
23) Vinyl Acetate	6.070	43	898568	225.16	ug/l	96
24) 1,1-Dichloroethane	6.027	63	160518	47.69	ug/l	99
25) 2-Butanone	6.997	43	156644	230.97	ug/l	91
26) 2,2-Dichloropropane	6.990	77	154967	48.20	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	107142	48.24	ug/l	93
28) Bromochloromethane	7.344	49	70144	47.72	ug/l	88
29) Tetrahydrofuran	7.356	42	97351	220.97	ug/l	93
30) Chloroform	7.521	83	173494	49.74	ug/l	99
31) Cyclohexane	7.795	56	140053	40.96	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	161543	49.92	ug/l	99
36) 1,1-Dichloropropene	7.923	75	130218	48.11	ug/l	98
37) Ethyl Acetate	7.082	43	68341	46.87	ug/l	99
38) Carbon Tetrachloride	7.911	117	146524	51.02	ug/l	99
39) Methylcyclohexane	9.185	83	161896	46.30	ug/l	92
40) Benzene	8.167	78	368616	48.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	51476m	56.98	ug/l	
42) 1,2-Dichloroethane	8.246	62	115024	49.35	ug/l	97
43) Isopropyl Acetate	8.283	43	132532	45.30	ug/l	97
44) Trichloroethene	8.947	130	114280	51.75	ug/l	100
45) 1,2-Dichloropropane	9.222	63	92614	48.65	ug/l	100
46) Dibromomethane	9.307	93	55285	50.79	ug/l	96
47) Bromodichloromethane	9.502	83	138407	50.94	ug/l	99
48) Methyl methacrylate	9.295	41	61388	44.16	ug/l	91
49) 1,4-Dioxane	9.301	88	13427	969.09	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	340250	229.64	ug/l	96
52) Toluene	10.246	92	245020	49.62	ug/l	97
53) t-1,3-Dichloropropene	10.472	75	141866	49.49	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	159615	49.69	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	77744	50.79	ug/l	99
56) Ethyl methacrylate	10.514	69	102120	47.73	ug/l	92
57) 1,3-Dichloropropane	10.795	76	130644	49.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	199268	237.04	ug/l	93
59) 2-Hexanone	10.837	43	240082	230.62	ug/l	97
60) Dibromochloromethane	10.990	129	101081	52.60	ug/l	100
61) 1,2-Dibromoethane	11.093	107	74542	50.01	ug/l	100
64) Tetrachloroethene	10.721	164	128323	54.92	ug/l	95
65) Chlorobenzene	11.520	112	273087	51.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	103371	51.66	ug/l	99
67) Ethyl Benzene	11.599	91	488183	49.71	ug/l	98
68) m/p-Xylenes	11.709	106	374780	100.07	ug/l	94
69) o-Xylene	12.032	106	177108	50.02	ug/l	94
70) Styrene	12.051	104	302071	49.82	ug/l	98
71) Bromoform	12.215	173	62431	52.15	ug/l #	100
73) Isopropylbenzene	12.331	105	487191	49.91	ug/l	99
74) N-amyl acetate	12.148	43	123145	44.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	77487	45.69	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	63400m	47.08	ug/l	
77) Bromobenzene	12.611	156	116362	51.60	ug/l	96
78) n-propylbenzene	12.672	91	566870	49.29	ug/l	97
79) 2-Chlorotoluene	12.758	91	316268	48.98	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	407169	49.18	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	32380	47.45	ug/l	99
82) 4-Chlorotoluene	12.861	91	331780	48.55	ug/l	96
83) tert-Butylbenzene	13.081	119	359404	50.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	412070	49.70	ug/l	98
85) sec-Butylbenzene	13.258	105	491028	49.99	ug/l	98
86) p-Isopropyltoluene	13.373	119	462799	50.82	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	222173	51.03	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	220220	50.68	ug/l	98
89) n-Butylbenzene	13.703	91	429429	49.55	ug/l	99
90) Hexachloroethane	13.965	117	82176	50.21	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	199079	51.56	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14428	45.03	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	134003	51.17	ug/l	99
94) Hexachlorobutadiene	15.117	225	75051	51.12	ug/l	99
95) Naphthalene	15.239	128	253604	48.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	113435	51.52	ug/l	99

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

