

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004204.D
 Acq On : 25 Mar 2021 16:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 6:17:46 PM

Quant Time: Mar 26 01:14:56 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	165954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	221047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	83222	50.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.64%			
35) Dibromofluoromethane	7.728	113	78836	54.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.24%			
50) Toluene-d8	10.185	98	285504	50.45	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.90%			
62) 4-Bromofluorobenzene	12.483	95	96836	46.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	53013	45.88	ug/l	97
3) Chloromethane	2.113	50	94251	60.00	ug/l	98
4) Vinyl Chloride	2.253	62	94365	47.05	ug/l	98
5) Bromomethane	2.655	94	53069	41.42	ug/l	98
6) Chloroethane	2.802	64	64124	52.50	ug/l	98
7) Trichlorofluoromethane	3.131	101	128128	48.07	ug/l	100
8) Diethyl Ether	3.539	74	42350	49.57	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.911	101	73065	49.00	ug/l	98
10) Methyl Iodide	4.100	142	85930	56.40	ug/l	97
11) Tert butyl alcohol	4.966	59	32368	218.60	ug/l	96
12) 1,1-Dichloroethene	3.881	96	70249	48.15	ug/l	97
13) Acrolein	3.741	56	21250	144.67	ug/l	98
14) Allyl chloride	4.497	41	107896	44.71	ug/l #	89
15) Acrylonitrile	5.173	53	103035	242.64	ug/l	99
16) Acetone	3.960	43	77967	197.23	ug/l	94
17) Carbon Disulfide	4.210	76	166834	38.89	ug/l	96
18) Methyl Acetate	4.491	43	50461	51.67	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	215891	51.97	ug/l	98
20) Methylene Chloride	4.728	84	83158	52.56	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	80998	49.41	ug/l	94
22) Diisopropyl ether	6.130	45	253682	49.80	ug/l	94
23) Vinyl Acetate	6.076	43	809549	241.42	ug/l	95
24) 1,1-Dichloroethane	6.033	63	139525	49.33	ug/l	97
25) 2-Butanone	7.002	43	132787	233.02	ug/l	94
26) 2,2-Dichloropropane	6.990	77	131576	48.71	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	94990	50.90	ug/l	93
28) Bromochloromethane	7.344	49	58914	47.70	ug/l	91
29) Tetrahydrofuran	7.356	42	90365	244.10	ug/l	93
30) Chloroform	7.520	83	154465	52.71	ug/l	96
31) Cyclohexane	7.795	56	121434	42.27	ug/l	91
32) 1,1,1-Trichloroethane	7.709	97	140295	51.60	ug/l	99
36) 1,1-Dichloropropene	7.929	75	113355	50.41	ug/l	99
37) Ethyl Acetate	7.088	43	63390	52.33	ug/l	99
38) Carbon Tetrachloride	7.911	117	97336	40.80	ug/l	98
39) Methylcyclohexane	9.191	83	135345	46.59	ug/l	92
40) Benzene	8.167	78	327599	51.71	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	37944m	50.55	ug/l	
42) 1,2-Dichloroethane	8.246	62	105146	54.30	ug/l	97
43) Isopropyl Acetate	8.283	43	121065	49.80	ug/l	98
44) Trichloroethene	8.947	130	106337	57.96	ug/l	95
45) 1,2-Dichloropropane	9.221	63	81489	51.52	ug/l	98
46) Dibromomethane	9.313	93	48168	53.27	ug/l	97
47) Bromodichloromethane	9.502	83	118768	52.61	ug/l	97
48) Methyl methacrylate	9.301	41	56050	48.53	ug/l	89
49) 1,4-Dioxane	9.307	88	12571	1092.08	ug/l #	90
51) 4-Methyl-2-Pentanone	10.075	43	315109	255.98	ug/l	98
52) Toluene	10.246	92	213305	51.99	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	117514	49.34	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	136140	51.02	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	65878	51.81	ug/l	99
56) Ethyl methacrylate	10.514	69	89950	50.60	ug/l	93
57) 1,3-Dichloropropane	10.794	76	114254	52.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	170370	244.51	ug/l	94
59) 2-Hexanone	10.837	43	211141	244.13	ug/l	99
60) Dibromochloromethane	10.989	129	81596	51.11	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64906	52.42	ug/l	97
64) Tetrachloroethene	10.721	164	108484	58.63	ug/l	96
65) Chlorobenzene	11.520	112	229336	54.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	83390	52.62	ug/l	99
67) Ethyl Benzene	11.593	91	413202	53.13	ug/l	98
68) m/p-Xylenes	11.703	106	316402	106.68	ug/l	95
69) o-Xylene	12.032	106	149236	53.23	ug/l	95
70) Styrene	12.044	104	255276	53.17	ug/l	98
71) Bromoform	12.209	173	47320	49.91	ug/l #	98
73) Isopropylbenzene	12.331	105	402559	49.82	ug/l	98
74) N-amyl acetate	12.148	43	104137	45.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	78775	56.12	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	53211m	47.73	ug/l	
77) Bromobenzene	12.611	156	96097	51.48	ug/l	95
78) n-propylbenzene	12.672	91	465232	48.87	ug/l	98
79) 2-Chlorotoluene	12.757	91	258558	48.38	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	339452	49.53	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.385	75	25002	44.26	ug/l	94
82) 4-Chlorotoluene	12.855	91	272550	48.18	ug/l	97
83) tert-Butylbenzene	13.074	119	300235	50.92	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	345213	50.30	ug/l	97
85) sec-Butylbenzene	13.257	105	403963	49.68	ug/l	98
86) p-Isopropyltoluene	13.373	119	385498	51.14	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	193815	53.78	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	190011	52.83	ug/l	98
89) n-Butylbenzene	13.696	91	362990	50.60	ug/l	99
90) Hexachloroethane	13.964	117	33178	24.49	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	170772	53.43	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12713	47.93	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	106446	49.11	ug/l	98
94) Hexachlorobutadiene	15.117	225	58573	48.20	ug/l	99
95) Naphthalene	15.239	128	220473	51.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	94888	52.06	ug/l	99

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

