

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004543.D
 Acq On : 21 Apr 2021 09:47
 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
 4/22/2021 5:27:30 PM

Quant Time: Apr 22 11:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	151881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	218426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88599	52.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.00%			
35) Dibromofluoromethane	7.728	113	68734	51.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.96%			
50) Toluene-d8	10.185	98	300491	52.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.82%			
62) 4-Bromofluorobenzene	12.483	95	99969	51.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.74%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	76057	54.05	ug/l	97
3) Chloromethane	2.119	50	105007	51.61	ug/l	97
4) Vinyl Chloride	2.259	62	113278	52.71	ug/l	99
5) Bromomethane	2.656	94	58369	55.67	ug/l	97
6) Chloroethane	2.802	64	69585	54.01	ug/l	99
7) Trichlorofluoromethane	3.131	101	143014	53.21	ug/l	98
8) Diethyl Ether	3.534	74	46863	51.59	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	81089	54.39	ug/l	99
10) Methyl Iodide	4.100	142	85880	48.13	ug/l	99
11) Tert butyl alcohol	4.966	59	41635	250.35	ug/l	100
12) 1,1-Dichloroethene	3.881	96	76799	52.10	ug/l	96
13) Acrolein	3.741	56	49600	268.29	ug/l	98
14) Allyl chloride	4.491	41	148319	52.60	ug/l	99
15) Acrylonitrile	5.173	53	129333	265.37	ug/l	99
16) Acetone	3.960	43	84987	236.23	ug/l	96
17) Carbon Disulfide	4.204	76	230961	50.88	ug/l	99
18) Methyl Acetate	4.485	43	64258	54.67	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	233025	52.60	ug/l	99
20) Methylene Chloride	4.728	84	85447	52.43	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	87317	52.35	ug/l	98
22) Diisopropyl ether	6.131	45	318298	53.40	ug/l	99
23) Vinyl Acetate	6.070	43	1082951	266.91	ug/l	99
24) 1,1-Dichloroethane	6.027	63	162859	53.49	ug/l	99
25) 2-Butanone	6.996	43	161932	251.91	ug/l	97
26) 2,2-Dichloropropane	6.990	77	148811	54.47	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	98548	52.80	ug/l	99
28) Bromochloromethane	7.344	49	79270	57.28	ug/l	98
29) Tetrahydrofuran	7.356	42	120595	262.58	ug/l	100
30) Chloroform	7.514	83	159898	53.44	ug/l	98
31) Cyclohexane	7.789	56	155593	50.30	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	145947	53.76	ug/l	99
36) 1,1-Dichloropropene	7.923	75	130613	54.63	ug/l	100
37) Ethyl Acetate	7.082	43	82236	53.41	ug/l	98
38) Carbon Tetrachloride	7.905	117	121753	58.91	ug/l	99
39) Methylcyclohexane	9.185	83	157954	53.66	ug/l	98
40) Benzene	8.167	78	363282	54.07	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	46774m	50.13	ug/l	
42) 1,2-Dichloroethane	8.246	62	114306	54.24	ug/l	100
43) Isopropyl Acetate	8.277	43	161988	55.50	ug/l	99
44) Trichloroethene	8.941	130	98948	54.01	ug/l	96
45) 1,2-Dichloropropane	9.222	63	96148	55.45	ug/l	98
46) Dibromomethane	9.307	93	50857	53.87	ug/l	98
47) Bromodichloromethane	9.502	83	125837	55.06	ug/l	99
48) Methyl methacrylate	9.295	41	74326	55.30	ug/l	99
49) 1,4-Dioxane	9.301	88	13584	1101.75	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	423292	282.35	ug/l	99
52) Toluene	10.246	92	229169	52.71	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	138534	54.96	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	155380	54.27	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	70496	54.19	ug/l	97
56) Ethyl methacrylate	10.514	69	103638	54.94	ug/l	96
57) 1,3-Dichloropropane	10.794	76	126211	54.37	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	268627	278.32	ug/l	99
59) 2-Hexanone	10.837	43	282621	281.21	ug/l	99
60) Dibromochloromethane	10.989	129	85937	55.59	ug/l	99
61) 1,2-Dibromoethane	11.093	107	68033	54.25	ug/l	100
64) Tetrachloroethene	10.721	164	103797	54.58	ug/l	98
65) Chlorobenzene	11.520	112	237682	53.32	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	85852	53.96	ug/l	99
67) Ethyl Benzene	11.593	91	447151	53.61	ug/l	98
68) m/p-Xylenes	11.703	106	336480	108.57	ug/l	100
69) o-Xylene	12.032	106	156272	53.81	ug/l	100
70) Styrene	12.044	104	263767	54.83	ug/l	99
71) Bromoform	12.209	173	50329	53.34	ug/l #	100
73) Isopropylbenzene	12.331	105	427867	53.29	ug/l	100
74) N-amyl acetate	12.148	43	149355	55.26	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	80217	52.81	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	61571m	55.22	ug/l	
77) Bromobenzene	12.611	156	94878	52.72	ug/l	99
78) n-propylbenzene	12.672	91	513730	54.17	ug/l	99
79) 2-Chlorotoluene	12.757	91	279114	53.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	354025	54.25	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	32878	52.74	ug/l	99
82) 4-Chlorotoluene	12.855	91	293595	53.60	ug/l	100
83) tert-Butylbenzene	13.081	119	301659	54.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	357454	54.28	ug/l	100
85) sec-Butylbenzene	13.257	105	426957	54.80	ug/l	99
86) p-Isopropyltoluene	13.373	119	389851	55.01	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	182468	54.29	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	179844	53.16	ug/l	99
89) n-Butylbenzene	13.696	91	373196	55.17	ug/l	100
90) Hexachloroethane	13.965	117	56474	59.39	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	159140	53.34	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13909	51.03	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	102831	52.13	ug/l	99
94) Hexachlorobutadiene	15.117	225	56501	54.86	ug/l	99
95) Naphthalene	15.239	128	224528	52.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	89605	51.49	ug/l	99

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

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