

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002261.D
 Acq On : 08 Apr 2020 19:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 3.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:19 AM

Quant Time: Apr 09 03:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	313154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	131658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96211	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.74	113	90688	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.19	98	375515	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.49	95	130189	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	78367	47.164	ug/l	100
3) Chloromethane	2.12	50	101621	48.594	ug/l	100
4) Vinyl Chloride	2.26	62	103653	46.568	ug/l	98
5) Bromomethane	2.66	94	67629	49.201	ug/l	100
6) Chloroethane	2.80	64	63276	49.292	ug/l	99
7) Trichlorofluoromethane	3.14	101	132550	46.112	ug/l	96
8) Diethyl Ether	3.55	74	61735	50.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	89790	45.984	ug/l	99
10) Methyl Iodide	4.11	142	110222	48.562	ug/l	99
11) Tert butyl alcohol	4.98	59	51215	264.965	ug/l	98
12) 1,1-Dichloroethene	3.89	96	91905	46.296	ug/l	99
13) Acrolein	3.75	56	56481	239.591	ug/l	100
14) Allyl chloride	4.50	41	166451	51.923	ug/l	98
15) Acrylonitrile	5.19	53	162470	259.984	ug/l	100
16) Acetone	3.97	43	112639	233.910	ug/l	99
17) Carbon Disulfide	4.21	76	309484	46.942	ug/l	99
18) Methyl Acetate	4.50	43	80762	54.070	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	270451	51.821	ug/l	100
20) Methylene Chloride	4.74	84	110651	46.750	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	106391	47.746	ug/l	99
22) Diisopropyl ether	6.14	45	343720	53.279	ug/l	97
23) Vinyl Acetate	6.08	43	1110590	270.139	ug/l	98
24) 1,1-Dichloroethane	6.04	63	186826	50.914	ug/l	97
25) 2-Butanone	7.00	43	196631	258.021	ug/l	98
26) 2,2-Dichloropropane	7.00	77	140522	45.780	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	118467	48.772	ug/l	98
28) Bromochloromethane	7.35	49	83105	52.464	ug/l	96
29) Tetrahydrofuran	7.36	42	135084	268.157	ug/l	96
30) Chloroform	7.52	83	175712	50.798	ug/l	98
31) Cyclohexane	7.80	56	180966	46.983	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	141893	49.284	ug/l	99
36) 1,1-Dichloropropene	7.93	75	142180	46.095	ug/l	99
37) Ethyl Acetate	7.09	43	88632	50.298	ug/l	99
38) Carbon Tetrachloride	7.91	117	119809	45.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	190792	45.471	ug/l	97
40) Benzene	8.18	78	442749	47.310	ug/l	99
41) Methacrylonitrile	7.34	41	49763m	47.872	ug/l	
42) 1,2-Dichloroethane	8.25	62	114713	49.483	ug/l	99
43) Isopropyl Acetate	8.28	43	166203	51.717	ug/l	98
44) Trichloroethene	8.95	130	124716	45.328	ug/l	97
45) 1,2-Dichloropropane	9.22	63	113484	48.874	ug/l	98
46) Dibromomethane	9.32	93	58862	48.483	ug/l	99
47) Bromodichloromethane	9.50	83	138603	49.755	ug/l	97
48) Methyl methacrylate	9.30	41	72575	50.364	ug/l	99
49) 1,4-Dioxane	9.30	88	16708	972.881	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	427488	255.275	ug/l	99
52) Toluene	10.25	92	266325	47.222	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	150962	49.737	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	178258	48.851	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	86746	48.803	ug/l	99
56) Ethyl methacrylate	10.52	69	130388	51.397	ug/l	99
57) 1,3-Dichloropropane	10.80	76	154319	49.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	338368	257.566	ug/l	99
59) 2-Hexanone	10.84	43	298081	256.473	ug/l	98
60) Dibromochloromethane	10.99	129	93835	49.509	ug/l	100
61) 1,2-Dibromoethane	11.10	107	83623	49.418	ug/l	100
64) Tetrachloroethene	10.72	164	132181	45.704	ug/l	97
65) Chlorobenzene	11.52	112	276226	46.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	95486	48.637	ug/l	99
67) Ethyl Benzene	11.60	91	507839	46.651	ug/l	100
68) m/p-Xylenes	11.70	106	378456	92.822	ug/l	99
69) o-Xylene	12.03	106	180072	47.042	ug/l	99
70) Styrene	12.05	104	316254	47.621	ug/l	99
71) Bromoform	12.21	173	53222	49.850	ug/l #	100
73) Isopropylbenzene	12.33	105	472591	45.691	ug/l	100
74) N-amyl acetate	12.15	43	149934	51.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	60361	48.235	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	70426m	46.065	ug/l	
77) Bromobenzene	12.61	156	108193	47.545	ug/l	98
78) n-propylbenzene	12.67	91	580880	45.156	ug/l	100
79) 2-Chlorotoluene	12.76	91	324619	46.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	393621	46.015	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37783	48.067	ug/l	94
82) 4-Chlorotoluene	12.86	91	334507	45.653	ug/l	100
83) tert-Butylbenzene	13.08	119	327870	45.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	396145	46.377	ug/l	98
85) sec-Butylbenzene	13.26	105	482810	45.233	ug/l	100
86) p-Isopropyltoluene	13.38	119	418755	45.583	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	200687	45.506	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	201383	44.985	ug/l	99
89) n-Butylbenzene	13.70	91	424919	45.125	ug/l	99
90) Hexachloroethane	13.97	117	80728	46.115	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	183856	45.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15480	51.147	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	116995	44.666	ug/l	98
94) Hexachlorobutadiene	15.12	225	58344	44.225	ug/l	99
95) Naphthalene	15.24	128	274472	47.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	100265	44.084	ug/l	98

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

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