

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001463.D
 Acq On : 03 Feb 2020 10:36
 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
 2/4/2020 11:21:39 AM

Quant Time: Feb 03 11:08:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	185755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	324087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	288308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	103950	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	7.75	113	100770	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.19	98	403299	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.49	95	154965	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	66915	45.680	ug/l	98
3) Chloromethane	2.13	50	98622	44.545	ug/l	99
4) Vinyl Chloride	2.27	62	104082	45.086	ug/l	96
5) Bromomethane	2.67	94	68931	44.336	ug/l	99
6) Chloroethane	2.81	64	68162	46.207	ug/l	95
7) Trichlorofluoromethane	3.15	101	143640	48.631	ug/l	99
8) Diethyl Ether	3.55	74	55776	44.733	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	94451	50.213	ug/l	98
10) Methyl Iodide	4.12	142	111340	44.879	ug/l	100
11) Tert butyl alcohol	4.99	59	51681	199.459	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	92035	46.665	ug/l	96
13) Acrolein	3.76	56	40560	271.667	ug/l	99
14) Allyl chloride	4.51	41	170188	48.388	ug/l	98
15) Acrylonitrile	5.21	53	144508	226.415	ug/l	100
16) Acetone	3.97	43	154479	291.376	ug/l	99
17) Carbon Disulfide	4.22	76	266439	42.955	ug/l	97
18) Methyl Acetate	4.51	43	72238	42.380	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	263737	45.671	ug/l	99
20) Methylene Chloride	4.75	84	108433	42.836	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	105487	46.045	ug/l	97
22) Diisopropyl ether	6.15	45	358045	47.940	ug/l	96
23) Vinyl Acetate	6.10	43	1123801	231.775	ug/l	99
24) 1,1-Dichloroethane	6.05	63	189555	48.151	ug/l	98
25) 2-Butanone	7.02	43	210478	239.242	ug/l	99
26) 2,2-Dichloropropane	7.01	77	168838	48.149	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	121150	47.318	ug/l	98
28) Bromochloromethane	7.36	49	94040	57.925	ug/l	97
29) Tetrahydrofuran	7.38	42	124971	218.341	ug/l	98
30) Chloroform	7.54	83	184457	47.804	ug/l	98
31) Cyclohexane	7.81	56	182006	46.566	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	159463	48.944	ug/l	100
36) 1,1-Dichloropropene	7.94	75	148366	48.457	ug/l	99
37) Ethyl Acetate	7.10	43	85624	45.772	ug/l	98
38) Carbon Tetrachloride	7.93	117	136580	50.052	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	193758	49.399	ug/l	99
40) Benzene	8.19	78	445692	48.547	ug/l	99
41) Methacrylonitrile	7.36	41	55030m	57.006	ug/l	
42) 1,2-Dichloroethane	8.27	62	121070	47.197	ug/l	99
43) Isopropyl Acetate	8.30	43	167726	46.110	ug/l	99
44) Trichloroethene	8.96	130	111630	47.384	ug/l	97
45) 1,2-Dichloropropane	9.24	63	113442	48.881	ug/l	99
46) Dibromomethane	9.33	93	58444	46.908	ug/l	97
47) Bromodichloromethane	9.52	83	147112	49.392	ug/l	97
48) Methyl methacrylate	9.31	41	74735	45.195	ug/l	98
49) 1,4-Dioxane	9.32	88	15657	891.117	ug/l	93
51) 4-Methyl-2-Pentanone	10.09	43	426622	227.743	ug/l	100
52) Toluene	10.26	92	283465	48.709	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	161217	48.834	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	184824	48.777	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	88291	48.011	ug/l	97
56) Ethyl methacrylate	10.52	69	130622	46.995	ug/l	97
57) 1,3-Dichloropropane	10.80	76	153480	47.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	228514	237.591	ug/l	99
59) 2-Hexanone	10.85	43	314457	241.127	ug/l	100
60) Dibromochloromethane	11.00	129	101180	49.193	ug/l	100
61) 1,2-Dibromoethane	11.10	107	81538	46.902	ug/l	99
64) Tetrachloroethene	10.74	164	90245	49.003	ug/l	95
65) Chlorobenzene	11.53	112	293330	48.268	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	103038	49.683	ug/l	99
67) Ethyl Benzene	11.61	91	548903	49.012	ug/l	98
68) m/p-Xylenes	11.71	106	412241	98.555	ug/l	99
69) o-Xylene	12.04	106	195394	48.558	ug/l	99
70) Styrene	12.06	104	348237	49.325	ug/l	99
71) Bromoform	12.22	173	58290	47.084	ug/l #	98
73) Isopropylbenzene	12.34	105	535619	49.766	ug/l	100
74) N-amyl acetate	12.16	43	160916	45.675	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	108794	47.199	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	78787m	47.936	ug/l	
77) Bromobenzene	12.62	156	114700	48.115	ug/l	98
78) n-propylbenzene	12.68	91	653158	50.419	ug/l	100
79) 2-Chlorotoluene	12.77	91	368803	49.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	447629	49.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41423	47.693	ug/l	98
82) 4-Chlorotoluene	12.86	91	387446	49.011	ug/l	100
83) tert-Butylbenzene	13.09	119	385531	50.910	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	443847	49.209	ug/l	99
85) sec-Butylbenzene	13.27	105	550933	51.205	ug/l	100
86) p-Isopropyltoluene	13.38	119	477574	50.368	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	222724	48.512	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	226038	48.490	ug/l	100
89) n-Butylbenzene	13.71	91	484931	50.818	ug/l	99
90) Hexachloroethane	13.97	117	92304	51.358	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	204699	48.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17373	43.678	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	129183	45.459	ug/l	99
94) Hexachlorobutadiene	15.12	225	65489	47.329	ug/l	99
95) Naphthalene	15.25	128	292555	45.022	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	113617	45.577	ug/l	99

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

