

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002299.D
 Acq On : 14 Apr 2020 11:21
 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
 4/15/2020 9:38:16 AM

Quant Time: Apr 15 05:53:28 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	7.81	168	166213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	89276	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.74	113	94601	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.19	98	392146	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.49	95	121230	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	81451	48.487	ug/l	97
3) Chloromethane	2.12	50	95696	45.264	ug/l	98
4) Vinyl Chloride	2.26	62	105062	46.688	ug/l	98
5) Bromomethane	2.66	94	64611	46.495	ug/l	95
6) Chloroethane	2.80	64	61466	47.362	ug/l	97
7) Trichlorofluoromethane	3.14	101	143397	49.343	ug/l	98
8) Diethyl Ether	3.55	74	60364	48.860	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.92	101	99577	50.443	ug/l	99
10) Methyl Iodide	4.11	142	121359	52.888	ug/l	98
11) Tert butyl alcohol	4.99	59	45116	225.900	ug/l	98
12) 1,1-Dichloroethene	3.89	96	102976	51.309	ug/l	95
13) Acrolein	3.75	56	57164	239.854	ug/l	99
14) Allyl chloride	4.50	41	152059	46.918	ug/l	97
15) Acrylonitrile	5.19	53	145509	230.313	ug/l	99
16) Acetone	3.97	43	143420	294.595	ug/l	92
17) Carbon Disulfide	4.21	76	334326	50.159	ug/l	99
18) Methyl Acetate	4.50	43	66395	43.968	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	247792	46.963	ug/l	97
20) Methylene Chloride	4.74	84	112621	47.065	ug/l	92
21) trans-1,2-Dichloroethene	5.24	96	112075	49.751	ug/l	95
22) Diisopropyl ether	6.14	45	298827	45.817	ug/l	96
23) Vinyl Acetate	6.08	43	940248	226.220	ug/l	98
24) 1,1-Dichloroethane	6.05	63	179825	48.473	ug/l	98
25) 2-Butanone	7.01	43	186881	242.562	ug/l	99
26) 2,2-Dichloropropane	7.00	77	147291	47.463	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	119941	48.842	ug/l	96
28) Bromochloromethane	7.36	49	72786	45.451	ug/l	97
29) Tetrahydrofuran	7.37	42	111572	219.077	ug/l	98
30) Chloroform	7.53	83	171095	48.926	ug/l	98
31) Cyclohexane	7.80	56	180875	46.449	ug/l	92
32) 1,1,1-Trichloroethane	7.72	97	144820	49.755	ug/l	99
36) 1,1-Dichloropropene	7.94	75	145918	50.249	ug/l	99
37) Ethyl Acetate	7.10	43	72648	43.792	ug/l	98
38) Carbon Tetrachloride	7.92	117	127296	51.248	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	198006	50.126	ug/l	96
40) Benzene	8.18	78	441151	50.071	ug/l	98
41) Methacrylonitrile	7.35	41	41505m	42.411	ug/l	
42) 1,2-Dichloroethane	8.25	62	101139	46.341	ug/l	98
43) Isopropyl Acetate	8.29	43	135645	44.833	ug/l	97
44) Trichloroethene	8.96	130	125301	48.373	ug/l	94
45) 1,2-Dichloropropane	9.23	63	108060	49.432	ug/l	96
46) Dibromomethane	9.32	93	55428	48.494	ug/l	98
47) Bromodichloromethane	9.51	83	130179	49.637	ug/l	98
48) Methyl methacrylate	9.30	41	58885	43.405	ug/l	92
49) 1,4-Dioxane	9.31	88	16326	1009.765	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	357591	226.818	ug/l	98
52) Toluene	10.25	92	268202	50.512	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	139816	48.930	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	169820	49.433	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	82498	49.300	ug/l	97
56) Ethyl methacrylate	10.52	69	115902	48.529	ug/l	95
57) 1,3-Dichloropropane	10.80	76	141567	48.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	296608	239.822	ug/l	99
59) 2-Hexanone	10.84	43	259920	237.549	ug/l	98
60) Dibromochloromethane	11.00	129	90116	50.504	ug/l	100
61) 1,2-Dibromoethane	11.10	107	78495	49.273	ug/l	98
64) Tetrachloroethene	10.73	164	131901	50.079	ug/l	99
65) Chlorobenzene	11.52	112	272120	50.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	89321	49.957	ug/l	99
67) Ethyl Benzene	11.60	91	484871	48.909	ug/l	99
68) m/p-Xylenes	11.71	106	366217	98.627	ug/l	97
69) o-Xylene	12.03	106	172723	49.547	ug/l	96
70) Styrene	12.05	104	298090	49.286	ug/l	98
71) Bromoform	12.22	173	48164	49.536	ug/l #	99
73) Isopropylbenzene	12.34	105	453549	50.143	ug/l	99
74) N-amyl acetate	12.15	43	113584	44.238	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	59267	54.158	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	53674m	40.146	ug/l	
77) Bromobenzene	12.62	156	100984	50.746	ug/l	94
78) n-propylbenzene	12.68	91	555688	49.397	ug/l	99
79) 2-Chlorotoluene	12.77	91	297579	48.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	366536	48.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	34266	49.849	ug/l	98
82) 4-Chlorotoluene	12.86	91	310203	48.412	ug/l	97
83) tert-Butylbenzene	13.08	119	316477	50.508	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	367959	49.259	ug/l	100
85) sec-Butylbenzene	13.26	105	456888	48.948	ug/l	98
86) p-Isopropyltoluene	13.38	119	398061	49.549	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	190137	49.301	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	189821	48.488	ug/l	100
89) n-Butylbenzene	13.70	91	399907	48.564	ug/l	99
90) Hexachloroethane	13.97	117	74932	48.947	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	173595	49.536	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12240	46.246	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	110406	48.199	ug/l	98
94) Hexachlorobutadiene	15.12	225	53729	46.571	ug/l	97
95) Naphthalene	15.25	128	237309	47.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	94172	47.347	ug/l	98

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

