

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003253.D
 Acq On : 21 Jul 2020 16:27
 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
 7/22/2020 2:43:20 PM

Quant Time: Jul 22 03:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	456167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	673275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	630596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	333408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	193491	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.72	113	187085	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.18	98	686005	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.48	95	248442	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	130932	40.047	ug/l	99
3) Chloromethane	2.11	50	202234	44.594	ug/l	97
4) Vinyl Chloride	2.26	62	215229	46.256	ug/l	100
5) Bromomethane	2.65	94	165234	47.809	ug/l	98
6) Chloroethane	2.80	64	143004	46.792	ug/l	99
7) Trichlorofluoromethane	3.13	101	318625	47.950	ug/l	97
8) Diethyl Ether	3.54	74	113938	51.169	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	195103	48.615	ug/l	99
10) Methyl Iodide	4.10	142	208089	47.725	ug/l	100
11) Tert butyl alcohol	4.96	59	104957	252.101	ug/l	99
12) 1,1-Dichloroethene	3.88	96	186694	49.183	ug/l	99
13) Acrolein	3.74	56	83282	230.466	ug/l	100
14) Allyl chloride	4.49	41	304651	54.088	ug/l	96
15) Acrylonitrile	5.18	53	298190	278.781	ug/l	100
16) Acetone	3.96	43	246378	286.479	ug/l	94
17) Carbon Disulfide	4.20	76	560583	48.127	ug/l	99
18) Methyl Acetate	4.48	43	135628	56.786	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	559946	52.638	ug/l	98
20) Methylene Chloride	4.72	84	225236	52.306	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	212872	49.581	ug/l	95
22) Diisopropyl ether	6.13	45	686826	54.943	ug/l	97
23) Vinyl Acetate	6.07	43	2291544	275.030	ug/l	98
24) 1,1-Dichloroethane	6.03	63	379834	52.447	ug/l	99
25) 2-Butanone	6.99	43	391665	277.368	ug/l	97
26) 2,2-Dichloropropane	6.99	77	327127	50.156	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	243068	51.420	ug/l	99
28) Bromochloromethane	7.34	49	164312	52.403	ug/l	98
29) Tetrahydrofuran	7.35	42	264978	279.333	ug/l	96
30) Chloroform	7.52	83	388445	52.077	ug/l	97
31) Cyclohexane	7.78	56	334984	47.834	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	336920	50.174	ug/l	99
36) 1,1-Dichloropropene	7.92	75	295290	48.392	ug/l	99
37) Ethyl Acetate	7.08	43	179171	54.523	ug/l	99
38) Carbon Tetrachloride	7.91	117	307461	48.807	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	368054	48.014	ug/l	98
40) Benzene	8.17	78	849360	50.551	ug/l	96
41) Methacrylonitrile	7.33	41	93623m	47.304	ug/l	
42) 1,2-Dichloroethane	8.24	62	261188	50.494	ug/l	99
43) Isopropyl Acetate	8.28	43	338397	53.200	ug/l	100
44) Trichloroethene	8.94	130	248749	48.294	ug/l	95
45) 1,2-Dichloropropane	9.22	63	225803	51.938	ug/l	98
46) Dibromomethane	9.31	93	130064	51.221	ug/l	98
47) Bromodichloromethane	9.50	83	311444	51.570	ug/l	99
48) Methyl methacrylate	9.30	41	151544	53.292	ug/l	96
49) 1,4-Dioxane	9.30	88	33468	1038.490	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	894482	270.551	ug/l	100
52) Toluene	10.24	92	532490	49.583	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	325566	52.031	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	373896	51.862	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	182508	50.722	ug/l	96
56) Ethyl methacrylate	10.51	69	262440	53.647	ug/l	96
57) 1,3-Dichloropropane	10.79	76	318932	52.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	664728	266.436	ug/l	99
59) 2-Hexanone	10.83	43	631549	273.642	ug/l	99
60) Dibromochloromethane	10.99	129	234620	51.842	ug/l	99
61) 1,2-Dibromoethane	11.09	107	177008	49.843	ug/l	98
64) Tetrachloroethene	10.72	164	256862	45.684	ug/l	99
65) Chlorobenzene	11.52	112	598835	49.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	234878	49.781	ug/l	99
67) Ethyl Benzene	11.59	91	1068417	49.258	ug/l	99
68) m/p-Xylenes	11.70	106	807444	98.110	ug/l	100
69) o-Xylene	12.03	106	387116	50.350	ug/l	100
70) Styrene	12.04	104	673533	51.209	ug/l	100
71) Bromoform	12.20	173	160604	51.863	ug/l	100
73) Isopropylbenzene	12.33	105	1043374	49.107	ug/l	99
74) N-amyl acetate	12.14	43	318756	53.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	214322	52.228	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	156541m	53.043	ug/l	
77) Bromobenzene	12.61	156	269582	49.776	ug/l	99
78) n-propylbenzene	12.67	91	1250297	49.922	ug/l	99
79) 2-Chlorotoluene	12.75	91	694199	49.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	876215	49.480	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	79156	52.199	ug/l	95
82) 4-Chlorotoluene	12.85	91	729897	50.045	ug/l	100
83) tert-Butylbenzene	13.08	119	781774	50.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	885962	49.724	ug/l	98
85) sec-Butylbenzene	13.25	105	1073188	49.971	ug/l	100
86) p-Isopropyltoluene	13.37	119	995362	49.638	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	515276	50.311	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	510388	50.335	ug/l	99
89) n-Butylbenzene	13.70	91	937698	49.715	ug/l	100
90) Hexachloroethane	13.96	117	186971	51.201	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	465511	51.793	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36628	55.057	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	334690	52.344	ug/l	99
94) Hexachlorobutadiene	15.11	225	212809	48.572	ug/l	99
95) Naphthalene	15.23	128	632667	59.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	290954	57.564	ug/l	99

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

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