

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003429.D
 Acq On : 03 Aug 2020 20:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 1:51:15 PM

Quant Time: Aug 04 03:08:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	486655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	739791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	699245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	374836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	246038	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.72	113	227161	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.18	98	866562	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.48	95	301232	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	182340	45.757	ug/l	99
3) Chloromethane	2.12	50	204581	37.485	ug/l	97
4) Vinyl Chloride	2.25	62	258364	47.157	ug/l	95
5) Bromomethane	2.65	94	367974	90.919	ug/l	98
6) Chloroethane	2.79	64	168570	49.051	ug/l	97
7) Trichlorofluoromethane	3.13	101	365115	49.353	ug/l	100
8) Diethyl Ether	3.53	74	138433	53.736	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	219108	49.583	ug/l	100
10) Methyl Iodide	4.11	142	13916	2.713	ug/l	99
11) Tert butyl alcohol	4.96	59	126094	279.266	ug/l	99
12) 1,1-Dichloroethene	3.88	96	212743	49.628	ug/l	97
13) Acrolein	3.74	56	109058	223.937	ug/l	99
14) Allyl chloride	4.49	41	355449	49.506	ug/l	100
15) Acrylonitrile	5.17	53	354820	277.601	ug/l	100
16) Acetone	3.96	43	285434	249.664	ug/l	100
17) Carbon Disulfide	4.20	76	680096	48.666	ug/l	98
18) Methyl Acetate	4.48	43	165075	54.727	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	652700	55.079	ug/l	97
20) Methylene Chloride	4.72	84	272451	47.042	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	245616	50.683	ug/l	97
22) Diisopropyl ether	6.13	45	801600	53.139	ug/l	100
23) Vinyl Acetate	6.07	43	2705451	273.765	ug/l	98
24) 1,1-Dichloroethane	6.02	63	438233	51.841	ug/l	99
25) 2-Butanone	6.99	43	472818	271.383	ug/l	100
26) 2,2-Dichloropropane	6.99	77	357358	47.376	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	282378	53.028	ug/l	98
28) Bromochloromethane	7.34	49	170447	51.834	ug/l	98
29) Tetrahydrofuran	7.35	42	314530	276.699	ug/l	97
30) Chloroform	7.51	83	447442	53.364	ug/l	100
31) Cyclohexane	7.78	56	382746	46.664	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	390839	51.089	ug/l	99
36) 1,1-Dichloropropene	7.93	75	339546	48.502	ug/l	100
37) Ethyl Acetate	7.08	43	212475	53.376	ug/l	99
38) Carbon Tetrachloride	7.91	117	351933	48.854	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	416256	48.731	ug/l	98
40) Benzene	8.16	78	979154	50.409	ug/l	100
41) Methacrylonitrile	7.33	41	126765m	55.548	ug/l	
42) 1,2-Dichloroethane	8.24	62	311052	52.579	ug/l	100
43) Isopropyl Acetate	8.27	43	403030	53.641	ug/l	99
44) Trichloroethene	8.94	130	281479	50.386	ug/l	98
45) 1,2-Dichloropropane	9.22	63	260197	51.152	ug/l	99
46) Dibromomethane	9.31	93	152603	53.471	ug/l	99
47) Bromodichloromethane	9.50	83	361341	52.542	ug/l	98
48) Methyl methacrylate	9.29	41	183236	54.029	ug/l	98
49) 1,4-Dioxane	9.30	88	41494	1123.343	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1068804	271.448	ug/l	99
52) Toluene	10.24	92	618164	50.743	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	385272	52.783	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	433448	52.400	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	215748	53.895	ug/l	98
56) Ethyl methacrylate	10.51	69	309128	55.780	ug/l	98
57) 1,3-Dichloropropane	10.79	76	370966	53.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	639863	249.269	ug/l	99
59) 2-Hexanone	10.83	43	747887	272.550	ug/l	99
60) Dibromochloromethane	10.99	129	273528	54.409	ug/l	99
61) 1,2-Dibromoethane	11.09	107	210904	54.382	ug/l	99
64) Tetrachloroethene	10.72	164	288671	49.382	ug/l	99
65) Chlorobenzene	11.52	112	691931	50.427	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	273694	51.281	ug/l	99
67) Ethyl Benzene	11.59	91	1222207	49.399	ug/l	98
68) m/p-Xylenes	11.70	106	924105	99.074	ug/l	100
69) o-Xylene	12.03	106	440500	50.450	ug/l	98
70) Styrene	12.04	104	771381	51.631	ug/l	99
71) Bromoform	12.20	173	182453	52.606	ug/l #	98
73) Isopropylbenzene	12.33	105	1192620	49.229	ug/l	99
74) N-amyl acetate	12.14	43	377613	52.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	253250	52.776	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	175723m	52.185	ug/l	
77) Bromobenzene	12.61	156	307855	50.014	ug/l	98
78) n-propylbenzene	12.67	91	1425707	49.172	ug/l	100
79) 2-Chlorotoluene	12.75	91	797293	49.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1016959	49.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	93674	52.611	ug/l	97
82) 4-Chlorotoluene	12.85	91	828898	49.584	ug/l	100
83) tert-Butylbenzene	13.07	119	872748	49.424	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1027669	50.269	ug/l	99
85) sec-Butylbenzene	13.25	105	1227110	49.958	ug/l	100
86) p-Isopropyltoluene	13.37	119	1147001	49.927	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	590144	50.192	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	578639	49.915	ug/l	100
89) n-Butylbenzene	13.69	91	1076276	49.573	ug/l	99
90) Hexachloroethane	13.96	117	223735	50.838	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	530866	51.148	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	40683	52.624	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	375954	51.115	ug/l	99
94) Hexachlorobutadiene	15.11	225	239333	49.135	ug/l	99
95) Naphthalene	15.23	128	669275	53.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	309565	52.023	ug/l	100

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

