

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001892.D
 Acq On : 06 Mar 2020 10:33
 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
 3/9/2020 11:41:01 AM

Quant Time: Mar 06 23:12:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	293863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	262063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	118845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	89662	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.74	113	82418	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.19	98	348307	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.50	95	119124	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	72707	48.568	ug/l	95
3) Chloromethane	2.13	50	100114	49.603	ug/l	99
4) Vinyl Chloride	2.26	62	104655	50.977	ug/l	99
5) Bromomethane	2.66	94	67680	57.297	ug/l	93
6) Chloroethane	2.81	64	66168	51.308	ug/l	98
7) Trichlorofluoromethane	3.15	101	140158	50.340	ug/l	96
8) Diethyl Ether	3.55	74	56184	51.200	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92028	51.390	ug/l	99
10) Methyl Iodide	4.11	142	107258	51.792	ug/l	100
11) Tert butyl alcohol	4.98	59	44440	246.319	ug/l	100
12) 1,1-Dichloroethene	3.90	96	93011	51.583	ug/l	95
13) Acrolein	3.75	56	57890	237.940	ug/l	93
14) Allyl chloride	4.50	41	167123	52.281	ug/l	100
15) Acrylonitrile	5.19	53	151406	258.202	ug/l	99
16) Acetone	3.97	43	148043	293.576	ug/l	93
17) Carbon Disulfide	4.22	76	308477	50.892	ug/l	99
18) Methyl Acetate	4.50	43	64628	49.879	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	252378	51.650	ug/l	98
20) Methylene Chloride	4.74	84	105477	48.804	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	103656	50.648	ug/l	99
22) Diisopropyl ether	6.14	45	339098	51.751	ug/l	97
23) Vinyl Acetate	6.09	43	1129903	263.038	ug/l	98
24) 1,1-Dichloroethane	6.05	63	183387	51.682	ug/l	99
25) 2-Butanone	7.01	43	207708	270.853	ug/l	99
26) 2,2-Dichloropropane	7.00	77	152288	52.290	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	113547	51.004	ug/l	99
28) Bromochloromethane	7.36	49	85954	53.741	ug/l	100
29) Tetrahydrofuran	7.37	42	128066	251.481	ug/l	100
30) Chloroform	7.53	83	170950	51.278	ug/l	99
31) Cyclohexane	7.80	56	187244	49.215	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	144893	51.566	ug/l	98
36) 1,1-Dichloropropene	7.94	75	146738	51.890	ug/l	100
37) Ethyl Acetate	7.10	43	86832	52.832	ug/l	99
38) Carbon Tetrachloride	7.93	117	124361	51.480	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	193833	51.680	ug/l	99
40) Benzene	8.18	78	433219	51.686	ug/l	99
41) Methacrylonitrile	7.34	41	38170m	51.605	ug/l	
42) 1,2-Dichloroethane	8.26	62	111482	51.616	ug/l	100
43) Isopropyl Acetate	8.29	43	162540	52.235	ug/l	98
44) Trichloroethene	8.96	130	105057	51.465	ug/l	98
45) 1,2-Dichloropropane	9.24	63	108867	51.669	ug/l	99
46) Dibromomethane	9.32	93	56444	51.983	ug/l	98
47) Bromodichloromethane	9.52	83	132026	52.271	ug/l	99
48) Methyl methacrylate	9.31	41	73393	53.154	ug/l	98
49) 1,4-Dioxane	9.31	88	13845	930.557	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	431749	269.380	ug/l	99
52) Toluene	10.26	92	262813	51.615	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	146104	53.094	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	172458	52.645	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	82677	52.029	ug/l	99
56) Ethyl methacrylate	10.52	69	123318	52.945	ug/l	99
57) 1,3-Dichloropropane	10.81	76	146458	51.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	214196	264.994	ug/l	99
59) 2-Hexanone	10.85	43	305419	266.982	ug/l	100
60) Dibromochloromethane	11.00	129	88277	52.720	ug/l	100
61) 1,2-Dibromoethane	11.10	107	77734	51.643	ug/l	99
64) Tetrachloroethene	10.74	164	83147	50.593	ug/l	96
65) Chlorobenzene	11.53	112	267839	51.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	90874	53.069	ug/l	100
67) Ethyl Benzene	11.61	91	503383	51.690	ug/l	99
68) m/p-Xylenes	11.72	106	375092	104.180	ug/l	100
69) o-Xylene	12.04	106	175103	51.600	ug/l	100
70) Styrene	12.06	104	307676	52.937	ug/l	99
71) Bromoform	12.22	173	50890	54.800	ug/l #	99
73) Isopropylbenzene	12.35	105	472630	52.096	ug/l	99
74) N-amyl acetate	12.16	43	146325	52.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	102709	52.498	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	77009m	54.610	ug/l	
77) Bromobenzene	12.63	156	102105	53.120	ug/l	96
78) n-propylbenzene	12.69	91	585795	52.338	ug/l	100
79) 2-Chlorotoluene	12.77	91	318775	51.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	390768	52.321	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38195	54.711	ug/l	99
82) 4-Chlorotoluene	12.87	91	338044	52.504	ug/l	99
83) tert-Butylbenzene	13.09	119	328082	52.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	385538	52.015	ug/l	100
85) sec-Butylbenzene	13.27	105	485052	53.048	ug/l	99
86) p-Isopropyltoluene	13.38	119	413460	52.419	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	192763	51.177	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	194806	50.981	ug/l	100
89) n-Butylbenzene	13.71	91	425625	52.011	ug/l	99
90) Hexachloroethane	13.97	117	78516	52.766	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	177939	52.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	16205	53.081	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	111660	50.316	ug/l	99
94) Hexachlorobutadiene	15.13	225	55415	51.219	ug/l	99
95) Naphthalene	15.25	128	265536	50.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99714	51.006	ug/l	98

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

