

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000517.D
 Acq On : 01 Nov 2019 10:54
 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
 11/4/2019 3:40:22 PM

Quant Time: Nov 01 23:04:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	231533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	386375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	128183	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	7.73	113	114973	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.19	98	473164	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.48	95	169488	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	117502	51.554	ug/l	98
3) Chloromethane	2.12	50	154675	49.264	ug/l	96
4) Vinyl Chloride	2.26	62	143852	49.338	ug/l	99
5) Bromomethane	2.65	94	91349	52.247	ug/l	94
6) Chloroethane	2.80	64	91461	50.122	ug/l	99
7) Trichlorofluoromethane	3.13	101	205159	52.104	ug/l	99
8) Diethyl Ether	3.54	74	70022	50.048	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	122198	51.333	ug/l	98
10) Methyl Iodide	4.10	142	153025	48.912	ug/l	100
11) Tert butyl alcohol	4.97	59	46313	198.562	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	123125	53.237	ug/l	98
13) Acrolein	3.74	56	51162	251.823	ug/l	95
14) Allyl chloride	4.49	41	197359	52.480	ug/l	98
15) Acrylonitrile	5.18	53	166249	231.962	ug/l	99
16) Acetone	3.96	43	178753	270.681	ug/l	100
17) Carbon Disulfide	4.20	76	374156	51.293	ug/l	99
18) Methyl Acetate	4.49	43	94978	46.255	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	322016	50.078	ug/l	98
20) Methylene Chloride	4.73	84	136581	48.267	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	134093	51.285	ug/l	97
22) Diisopropyl ether	6.13	45	432430	52.903	ug/l	95
23) Vinyl Acetate	6.07	43	1289644	249.937	ug/l	98
24) 1,1-Dichloroethane	6.03	63	230532	52.060	ug/l	99
25) 2-Butanone	7.00	43	266124	252.507	ug/l	100
26) 2,2-Dichloropropane	7.00	77	206939	51.137	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	150493	52.638	ug/l	99
28) Bromochloromethane	7.35	49	106776	52.636	ug/l	96
29) Tetrahydrofuran	7.36	42	147388	228.596	ug/l	99
30) Chloroform	7.52	83	234813	52.418	ug/l	100
31) Cyclohexane	7.79	56	229942	49.578	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	209006	52.352	ug/l	99
36) 1,1-Dichloropropene	7.93	75	188231	51.533	ug/l	99
37) Ethyl Acetate	7.09	43	103114	47.550	ug/l	99
38) Carbon Tetrachloride	7.91	117	186316	53.012	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	238986	50.645	ug/l	98
40) Benzene	8.17	78	549572	51.321	ug/l	99
41) Methacrylonitrile	7.34	41	61143m	50.542	ug/l	
42) 1,2-Dichloroethane	8.25	62	159069	52.373	ug/l	99
43) Isopropyl Acetate	8.28	43	194298	47.696	ug/l	99
44) Trichloroethene	8.95	130	147794	52.345	ug/l	92
45) 1,2-Dichloropropane	9.22	63	135378	51.366	ug/l	93
46) Dibromomethane	9.31	93	73467	50.685	ug/l	99
47) Bromodichloromethane	9.50	83	183666	53.402	ug/l	97
48) Methyl methacrylate	9.30	41	88644	49.803	ug/l	96
49) 1,4-Dioxane	9.31	88	18298	937.989	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	510180	235.555	ug/l	100
52) Toluene	10.25	92	355715	52.540	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	194184	52.841	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	220872	52.464	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	105605	50.372	ug/l	94
56) Ethyl methacrylate	10.52	69	151341	50.932	ug/l	98
57) 1,3-Dichloropropane	10.79	76	188754	51.442	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	320220	238.375	ug/l	99
59) 2-Hexanone	10.83	43	403527	255.715	ug/l	100
60) Dibromochloromethane	10.99	129	125777	52.377	ug/l	99
61) 1,2-Dibromoethane	11.09	107	101211	50.210	ug/l	96
64) Tetrachloroethene	10.72	164	143947	49.831	ug/l	99
65) Chlorobenzene	11.52	112	373728	52.764	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	131941	53.711	ug/l	99
67) Ethyl Benzene	11.60	91	686169	52.637	ug/l	100
68) m/p-Xylenes	11.70	106	529248	104.898	ug/l	98
69) o-Xylene	12.03	106	248813	52.473	ug/l	98
70) Styrene	12.05	104	430525	53.023	ug/l	100
71) Bromoform	12.21	173	74371	52.637	ug/l #	100
73) Isopropylbenzene	12.33	105	675544	52.067	ug/l	99
74) N-amyl acetate	12.14	43	186994	50.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125028	48.669	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	95843m	47.948	ug/l	
77) Bromobenzene	12.61	156	150679	51.213	ug/l	99
78) n-propylbenzene	12.67	91	816708	52.170	ug/l	100
79) 2-Chlorotoluene	12.76	91	456842	52.566	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	567066	52.478	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43602	48.908	ug/l	99
82) 4-Chlorotoluene	12.86	91	482206	53.526	ug/l	98
83) tert-Butylbenzene	13.08	119	475789	51.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	567566	52.753	ug/l	99
85) sec-Butylbenzene	13.25	105	685804	52.172	ug/l	99
86) p-Isopropyltoluene	13.37	119	613694	52.383	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	301226	52.270	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	299725	52.047	ug/l	99
89) n-Butylbenzene	13.70	91	607223	52.551	ug/l	100
90) Hexachloroethane	13.96	117	116680	53.873	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	269710	51.582	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21077	46.358	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	183094	51.427	ug/l	98
94) Hexachlorobutadiene	15.11	225	92315	50.302	ug/l	99
95) Naphthalene	15.23	128	377283	47.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	160805	50.344	ug/l	99

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

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