

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000781.D
 Acq On : 22 Nov 2019 10:11
 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
 11/26/2019 1:33:56 AM

Quant Time: Nov 23 04:07:53 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	331501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	572846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	514367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	164793	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.72	113	152348	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
50) Toluene-d8	10.18	98	626372	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.48	95	231953	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	139112	42.630	ug/l	98
3) Chloromethane	2.12	50	180797	40.219	ug/l	99
4) Vinyl Chloride	2.25	62	182057	43.612	ug/l	100
5) Bromomethane	2.65	94	112210	44.825	ug/l	98
6) Chloroethane	2.79	64	117156	44.842	ug/l	94
7) Trichlorofluoromethane	3.13	101	262211	46.511	ug/l	99
8) Diethyl Ether	3.54	74	101338	50.589	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	163022	47.831	ug/l	95
10) Methyl Iodide	4.09	142	197984	44.507	ug/l	100
11) Tert butyl alcohol	4.96	59	79997	239.549	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	160677	48.523	ug/l	99
13) Acrolein	3.73	56	73373	252.239	ug/l	100
14) Allyl chloride	4.48	41	285768	53.073	ug/l	95
15) Acrylonitrile	5.18	53	274267	267.276	ug/l	99
16) Acetone	3.95	43	237316	250.991	ug/l	94
17) Carbon Disulfide	4.19	76	474698	45.452	ug/l	99
18) Methyl Acetate	4.48	43	157467	53.562	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	463988	50.396	ug/l	100
20) Methylene Chloride	4.72	84	186669	46.075	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	183034	48.893	ug/l	95
22) Diisopropyl ether	6.13	45	608264	51.974	ug/l	94
23) Vinyl Acetate	6.07	43	1865766	252.550	ug/l	97
24) 1,1-Dichloroethane	6.03	63	323904	51.088	ug/l	98
25) 2-Butanone	7.00	43	416548	276.046	ug/l	96
26) 2,2-Dichloropropane	6.99	77	280443	48.402	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	210087	51.323	ug/l	98
28) Bromochloromethane	7.34	49	160236	54.973	ug/l	96
29) Tetrahydrofuran	7.36	42	236627	256.329	ug/l	98
30) Chloroform	7.52	83	315689	49.221	ug/l	95
31) Cyclohexane	7.79	56	316743	47.698	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	267741	46.840	ug/l	99
36) 1,1-Dichloropropene	7.93	75	252624	46.649	ug/l	99
37) Ethyl Acetate	7.08	43	151442	47.103	ug/l #	95
38) Carbon Tetrachloride	7.91	117	234943	45.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	334686	47.838	ug/l	97
40) Benzene	8.17	78	761441	47.959	ug/l	98
41) Methacrylonitrile	7.33	41	73578m	41.022	ug/l	
42) 1,2-Dichloroethane	8.24	62	205947	45.735	ug/l	98
43) Isopropyl Acetate	8.28	43	292387	48.411	ug/l	98
44) Trichloroethene	8.94	130	202462	48.365	ug/l	100
45) 1,2-Dichloropropane	9.22	63	197186	50.463	ug/l	94
46) Dibromomethane	9.31	93	101957	47.444	ug/l	98
47) Bromodichloromethane	9.50	83	247474	48.532	ug/l	99
48) Methyl methacrylate	9.30	41	129989	49.259	ug/l	96
49) 1,4-Dioxane	9.30	88	30003	1037.361	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	781606	243.404	ug/l	95
52) Toluene	10.24	92	478542	47.674	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	272765	50.063	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	315522	50.550	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	152825	49.167	ug/l	97
56) Ethyl methacrylate	10.51	69	229874	52.179	ug/l	93
57) 1,3-Dichloropropane	10.79	76	267222	49.120	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	567241	284.807	ug/l	98
59) 2-Hexanone	10.83	43	635887	271.791	ug/l	95
60) Dibromochloromethane	10.99	129	168033	47.196	ug/l	99
61) 1,2-Dibromoethane	11.09	107	146802	49.121	ug/l	99
64) Tetrachloroethene	10.72	164	218841	51.453	ug/l	94
65) Chlorobenzene	11.52	112	498385	47.790	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	175531	48.532	ug/l	98
67) Ethyl Benzene	11.59	91	930093	48.459	ug/l	99
68) m/p-Xylenes	11.70	106	699995	94.230	ug/l	97
69) o-Xylene	12.03	106	330923	47.399	ug/l	98
70) Styrene	12.04	104	572408	47.880	ug/l	99
71) Bromoform	12.20	173	101105	48.601	ug/l #	99
73) Isopropylbenzene	12.33	105	887546	49.490	ug/l	100
74) N-amyl acetate	12.14	43	255840	49.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	166744	46.958	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	131048m	47.431	ug/l	
77) Bromobenzene	12.61	156	198701	48.858	ug/l	95
78) n-propylbenzene	12.67	91	1089938	50.370	ug/l	100
79) 2-Chlorotoluene	12.75	91	600586	49.995	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	747773	50.064	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	69005	55.998	ug/l	92
82) 4-Chlorotoluene	12.85	91	624834	50.178	ug/l	98
83) tert-Butylbenzene	13.07	119	626586	49.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	748470	50.329	ug/l	99
85) sec-Butylbenzene	13.25	105	916090	50.419	ug/l	99
86) p-Isopropyltoluene	13.37	119	800266	49.418	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	385380	48.379	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	383353	48.160	ug/l	100
89) n-Butylbenzene	13.69	91	812114	50.846	ug/l	99
90) Hexachloroethane	13.96	117	150625	50.313	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	350395	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29611	47.118	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	235278	47.810	ug/l	99
94) Hexachlorobutadiene	15.11	225	119274	47.018	ug/l	98
95) Naphthalene	15.23	128	557041	50.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	206798	46.839	ug/l	99

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

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