

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001190.D
 Acq On : 14 Jan 2020 09:32
 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
 1/15/2020 9:30:16 AM

Quant Time: Jan 15 01:30:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	284934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	253809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	82216	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	7.72	113	80430	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.18	98	338532	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.48	95	126328	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	62695	49.324	ug/l	99
3) Chloromethane	2.12	50	91806	50.108	ug/l	96
4) Vinyl Chloride	2.26	62	96929	52.514	ug/l	99
5) Bromomethane	2.66	94	65387	65.950	ug/l	98
6) Chloroethane	2.80	64	61716	57.876	ug/l	99
7) Trichlorofluoromethane	3.13	101	124338	48.395	ug/l	100
8) Diethyl Ether	3.54	74	47297	47.376	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80785	48.849	ug/l	98
10) Methyl Iodide	4.10	142	114450	50.560	ug/l	100
11) Tert butyl alcohol	4.96	59	33996	193.296	ug/l	97
12) 1,1-Dichloroethene	3.88	96	84706	50.064	ug/l	98
13) Acrolein	3.74	56	35065	221.464	ug/l	100
14) Allyl chloride	4.49	41	144730	50.683	ug/l	99
15) Acrylonitrile	5.17	53	108495	217.300	ug/l	99
16) Acetone	3.95	43	93465	230.228	ug/l	96
17) Carbon Disulfide	4.20	76	278045	50.775	ug/l	99
18) Methyl Acetate	4.49	43	54038	40.260	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	216953	46.356	ug/l	98
20) Methylene Chloride	4.72	84	94623	50.017	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	99345	51.783	ug/l	96
22) Diisopropyl ether	6.13	45	296061	50.761	ug/l	97
23) Vinyl Acetate	6.07	43	892216	239.191	ug/l	100
24) 1,1-Dichloroethane	6.03	63	163956	51.348	ug/l	99
25) 2-Butanone	6.99	43	140934	223.058	ug/l	100
26) 2,2-Dichloropropane	6.99	77	146960	50.050	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	108716	51.716	ug/l	99
28) Bromochloromethane	7.34	49	70596	53.841	ug/l	99
29) Tetrahydrofuran	7.35	42	92319	213.212	ug/l	97
30) Chloroform	7.52	83	160180	51.198	ug/l	99
31) Cyclohexane	7.79	56	158846	46.985	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	139339	50.194	ug/l	100
36) 1,1-Dichloropropene	7.93	75	131004	50.444	ug/l	99
37) Ethyl Acetate	7.08	43	64343	42.217	ug/l	98
38) Carbon Tetrachloride	7.91	117	120545	50.648	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	172862	49.097	ug/l	98
40) Benzene	8.17	78	398078	52.511	ug/l	99
41) Methacrylonitrile	7.33	41	40469m	56.526	ug/l	
42) 1,2-Dichloroethane	8.24	62	103283	48.656	ug/l	99
43) Isopropyl Acetate	8.28	43	127198	43.644	ug/l	99
44) Trichloroethene	8.94	130	102695	51.989	ug/l	98
45) 1,2-Dichloropropane	9.22	63	96750	51.624	ug/l	98
46) Dibromomethane	9.31	93	49385	48.296	ug/l	100
47) Bromodichloromethane	9.50	83	126739	50.857	ug/l	100
48) Methyl methacrylate	9.30	41	58942	43.704	ug/l	98
49) 1,4-Dioxane	9.30	88	11903	955.840	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	313408	211.934	ug/l	100
52) Toluene	10.24	92	252569	52.237	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	138309	49.598	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	160461	51.036	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	73398	48.417	ug/l	99
56) Ethyl methacrylate	10.51	69	105871	45.656	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128161	49.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	169367	207.665	ug/l	99
59) 2-Hexanone	10.83	43	232395	224.234	ug/l	99
60) Dibromochloromethane	10.99	129	85579	49.031	ug/l	99
61) 1,2-Dibromoethane	11.09	107	69778	47.140	ug/l	100
64) Tetrachloroethene	10.72	164	80852	49.417	ug/l	98
65) Chlorobenzene	11.52	112	264512	52.156	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	90376	51.705	ug/l	99
67) Ethyl Benzene	11.59	91	487375	52.534	ug/l	99
68) m/p-Xylenes	11.70	106	372966	106.570	ug/l	99
69) o-Xylene	12.03	106	176760	52.679	ug/l	100
70) Styrene	12.04	104	309832	52.626	ug/l	99
71) Bromoform	12.20	173	51057	47.365	ug/l #	100
73) Isopropylbenzene	12.33	105	473610	51.186	ug/l	99
74) N-amyl acetate	12.14	43	129853	44.969	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	86143	44.250	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	59936m	45.490	ug/l	
77) Bromobenzene	12.61	156	104838	51.278	ug/l	94
78) n-propylbenzene	12.67	91	574201	51.592	ug/l	100
79) 2-Chlorotoluene	12.75	91	325582	50.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	401930	52.062	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	34153	43.957	ug/l #	98
82) 4-Chlorotoluene	12.85	91	351205	51.469	ug/l	99
83) tert-Butylbenzene	13.08	119	342981	52.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	400863	52.286	ug/l	99
85) sec-Butylbenzene	13.25	105	487046	52.189	ug/l	99
86) p-Isopropyltoluene	13.37	119	433342	53.481	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	204791	52.964	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	206321	51.846	ug/l	99
89) n-Butylbenzene	13.70	91	427150	52.341	ug/l	99
90) Hexachloroethane	13.96	117	82240	51.944	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	187628	52.213	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14376	40.939	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	119273	50.376	ug/l	99
94) Hexachlorobutadiene	15.11	225	59990	50.294	ug/l	99
95) Naphthalene	15.23	128	244742	44.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101439	48.613	ug/l	99

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

