

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012120\
 Data File : VY001319.D
 Acq On : 21 Jan 2020 13:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 21 15:46:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 15:42:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	185244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	323272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	96605	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	7.74	113	91445	48.31	ug/l	-0.01
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	10.20	98	369595	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.49	95	138485	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	56237	39.529	ug/l	97
3) Chloromethane	2.12	50	87488	42.664	ug/l	99
4) Vinyl Chloride	2.26	62	92631	44.838	ug/l	100
5) Bromomethane	2.66	94	62977	56.751	ug/l	96
6) Chloroethane	2.80	64	61767	51.752	ug/l	97
7) Trichlorofluoromethane	3.14	101	126274	43.912	ug/l	100
8) Diethyl Ether	3.55	74	53902	48.239	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	84349	45.570	ug/l	98
10) Methyl Iodide	4.11	142	108380	42.777	ug/l	98
11) Tert butyl alcohol	4.99	59	52617	267.294	ug/l #	87
12) 1,1-Dichloroethene	3.89	96	83642	44.168	ug/l	99
13) Acrolein	3.75	56	50073	282.555	ug/l	100
14) Allyl chloride	4.50	41	152319	47.657	ug/l	99
15) Acrylonitrile	5.20	53	139998	250.519	ug/l	99
16) Acetone	3.97	43	133697	294.240	ug/l	99
17) Carbon Disulfide	4.21	76	232448	37.925	ug/l	98
18) Methyl Acetate	4.50	43	69990	46.589	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	253448	48.384	ug/l	100
20) Methylene Chloride	4.74	84	109106	43.119	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	96443	44.914	ug/l	97
22) Diisopropyl ether	6.15	45	326480	50.012	ug/l	98
23) Vinyl Acetate	6.09	43	1060533	254.020	ug/l	99
24) 1,1-Dichloroethane	6.05	63	174221	48.749	ug/l	98
25) 2-Butanone	7.02	43	193415	273.503	ug/l	98
26) 2,2-Dichloropropane	7.01	77	151813	46.194	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	113467	48.225	ug/l	99
28) Bromochloromethane	7.36	49	84486	57.569	ug/l	97
29) Tetrahydrofuran	7.38	42	121094	249.869	ug/l	96
30) Chloroform	7.53	83	173155	49.448	ug/l	99
31) Cyclohexane	7.81	56	155453	41.082	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	146749	47.231	ug/l	99
36) 1,1-Dichloropropene	7.94	75	133862	45.432	ug/l	99
37) Ethyl Acetate	7.10	43	81837	47.327	ug/l	98
38) Carbon Tetrachloride	7.93	117	123012	45.556	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	165088	41.328	ug/l	99
40) Benzene	8.19	78	406011	47.206	ug/l	99
41) Methacrylonitrile	7.37	41	112116	138.029	ug/l #	29
42) 1,2-Dichloroethane	8.26	62	115421	47.926	ug/l	100
43) Isopropyl Acetate	8.30	43	162249	49.069	ug/l	98
44) Trichloroethene	8.96	130	103420	46.147	ug/l	99
45) 1,2-Dichloropropane	9.24	63	104830	49.302	ug/l	97
46) Dibromomethane	9.32	93	55598	47.923	ug/l	98
47) Bromodichloromethane	9.52	83	137055	48.474	ug/l	100
48) Methyl methacrylate	9.31	41	73358	47.942	ug/l	99
49) 1,4-Dioxane	9.32	88	14861	1051.848	ug/l #	92
51) 4-Methyl-2-Pentanone	10.09	43	416648	248.333	ug/l	98
52) Toluene	10.26	92	256719	46.798	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	149527	47.261	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	172172	48.267	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	82667	48.065	ug/l	95
56) Ethyl methacrylate	10.52	69	123454	46.925	ug/l	97
57) 1,3-Dichloropropane	10.80	76	145672	49.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	195054	210.797	ug/l	100
59) 2-Hexanone	10.85	43	299313	254.552	ug/l	97
60) Dibromochloromethane	11.00	129	94700	47.822	ug/l	99
61) 1,2-Dibromoethane	11.10	107	78837	46.944	ug/l	99
64) Tetrachloroethene	10.74	164	79942	43.141	ug/l	98
65) Chlorobenzene	11.53	112	275290	47.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	97517	49.259	ug/l	100
67) Ethyl Benzene	11.61	91	501730	47.750	ug/l	99
68) m/p-Xylenes	11.72	106	377482	95.235	ug/l	99
69) o-Xylene	12.04	106	182562	48.039	ug/l	99
70) Styrene	12.06	104	325137	48.761	ug/l	98
71) Bromoform	12.22	173	56502	46.280	ug/l #	99
73) Isopropylbenzene	12.35	105	491565	46.705	ug/l	100
74) N-amyl acetate	12.16	43	160855	48.972	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	104031	46.980	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	136561	91.119	ug/l #	100
77) Bromobenzene	12.62	156	108933	46.841	ug/l	99
78) n-propylbenzene	12.69	91	595599	47.047	ug/l	99
79) 2-Chlorotoluene	12.77	91	341899	47.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	417846	47.582	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	39709	44.930	ug/l #	99
82) 4-Chlorotoluene	12.87	91	358843	46.232	ug/l	98
83) tert-Butylbenzene	13.09	119	354850	48.090	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	415077	47.596	ug/l	99
85) sec-Butylbenzene	13.27	105	505714	47.640	ug/l	100
86) p-Isopropyltoluene	13.38	119	448319	48.642	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213530	48.550	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	215698	47.651	ug/l	99
89) n-Butylbenzene	13.71	91	451183	48.604	ug/l	99
90) Hexachloroethane	13.97	117	86000	47.754	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	199053	48.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17290	43.286	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	132108	49.053	ug/l	100
94) Hexachlorobutadiene	15.13	225	64281	47.378	ug/l	98
95) Naphthalene	15.25	128	298043	47.536	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	115839	48.805	ug/l	100

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

