

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000355.D
 Acq On : 18 Oct 2019 17:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 19 01:31:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194684	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	154190	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
35) Dibromofluoromethane	7.72	113	137308	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	10.18	98	540415	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
62) 4-Bromofluorobenzene	12.49	95	200578	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	92792	44.433	ug/l	99
3) Chloromethane	2.12	50	130170	40.730	ug/l	97
4) Vinyl Chloride	2.26	62	143881	44.609	ug/l	100
5) Bromomethane	2.65	94	101799	42.587	ug/l	97
6) Chloroethane	2.80	64	99042	47.591	ug/l	96
7) Trichlorofluoromethane	3.13	101	217383	49.271	ug/l	98
8) Diethyl Ether	3.53	74	83538	53.597	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	134851	50.399	ug/l	97
10) Methyl Iodide	4.09	142	189217	49.657	ug/l	99
11) Tert butyl alcohol	4.96	59	73277	253.804	ug/l	100
12) 1,1-Dichloroethene	3.87	96	129395	48.986	ug/l	96
13) Acrolein	3.74	56	84843	250.653	ug/l	98
14) Allyl chloride	4.48	41	219500	50.144	ug/l	99
15) Acrylonitrile	5.18	53	226868	260.053	ug/l	99
16) Acetone	3.96	43	197275	220.807	ug/l	99
17) Carbon Disulfide	4.19	76	371524	44.672	ug/l	99
18) Methyl Acetate	4.49	43	112277	50.579	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	400895	54.519	ug/l	98
20) Methylene Chloride	4.72	84	154477	51.478	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	148226	48.910	ug/l	91
22) Diisopropyl ether	6.13	45	498019	53.791	ug/l	96
23) Vinyl Acetate	6.07	43	1616821	267.685	ug/l	99
24) 1,1-Dichloroethane	6.03	63	262698	51.983	ug/l	99
25) 2-Butanone	7.00	43	327270	260.036	ug/l	99
26) 2,2-Dichloropropane	6.99	77	236637	50.817	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	170256	51.918	ug/l	99
28) Bromochloromethane	7.35	49	117217	54.032	ug/l	95
29) Tetrahydrofuran	7.36	42	197847	259.392	ug/l	99
30) Chloroform	7.52	83	269669	52.988	ug/l	98
31) Cyclohexane	7.79	56	249494	47.269	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	243260	53.764	ug/l	99
36) 1,1-Dichloropropene	7.92	75	208757	49.667	ug/l	98
37) Ethyl Acetate	7.08	43	128795	51.750	ug/l	98
38) Carbon Tetrachloride	7.91	117	206083	50.639	ug/l	91

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39) Methylcyclohexane	9.19	83	266120	48.375	ug/l	96
40) Benzene	8.17	78	622356	51.237	ug/l	100
41) Methacrylonitrile	7.32	41	61675m	52.061	ug/l	
42) 1,2-Dichloroethane	8.25	62	184109	53.062	ug/l	99
43) Isopropyl Acetate	8.28	43	252485	53.355	ug/l	100
44) Trichloroethene	8.95	130	171791	50.405	ug/l	98
45) 1,2-Dichloropropane	9.22	63	156866	52.625	ug/l	99
46) Dibromomethane	9.31	93	89810	53.897	ug/l	98
47) Bromodichloromethane	9.50	83	215565	54.892	ug/l	96
48) Methyl methacrylate	9.30	41	112879	54.428	ug/l	99
49) 1,4-Dioxane	9.30	88	24851	994.647	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	688513	282.091	ug/l	99
52) Toluene	10.25	92	400908	51.986	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235300	55.908	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	259508	54.296	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	129501	53.451	ug/l	96
56) Ethyl methacrylate	10.51	69	195656	56.657	ug/l	99
57) 1,3-Dichloropropane	10.79	76	229627	55.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	479650	348.218	ug/l	99
59) 2-Hexanone	10.83	43	514254	300.173	ug/l	100
60) Dibromochloromethane	10.99	129	150692	56.115	ug/l	96
61) 1,2-Dibromoethane	11.09	107	124980	53.725	ug/l	99
64) Tetrachloroethene	10.72	164	191264	51.445	ug/l	98
65) Chlorobenzene	11.52	112	422978	51.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	152906	52.814	ug/l	99
67) Ethyl Benzene	11.60	91	782481	51.215	ug/l	100
68) m/p-Xylenes	11.70	106	600445	102.803	ug/l	98
69) o-Xylene	12.03	106	283997	50.970	ug/l	99
70) Styrene	12.05	104	498351	53.034	ug/l	100
71) Bromoform	12.21	173	93765	56.338	ug/l	99
73) Isopropylbenzene	12.33	105	769403	50.685	ug/l	100
74) N-amyl acetate	12.14	43	237276	63.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	151642	53.204	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	104832m	43.790	ug/l	
77) Bromobenzene	12.61	156	173137	51.255	ug/l	99
78) n-propylbenzene	12.67	91	930164	51.035	ug/l	100
79) 2-Chlorotoluene	12.76	91	518316	51.494	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	658451	51.728	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	58300	53.284	ug/l	99
82) 4-Chlorotoluene	12.86	91	560544	52.683	ug/l	100
83) tert-Butylbenzene	13.08	119	546052	50.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	655640	52.188	ug/l	100
85) sec-Butylbenzene	13.25	105	802924	51.490	ug/l	100
86) p-Isopropyltoluene	13.37	119	714880	52.585	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	340928	51.225	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	345559	51.946	ug/l	99
89) n-Butylbenzene	13.70	91	705031	52.479	ug/l	99
90) Hexachloroethane	13.96	117	135410	53.790	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	318132	52.819	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29697	54.938	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.01	180	217286	51.815	ug/l	99
94) Hexachlorobutadiene	15.11	225	112813	49.711	ug/l	99
95) Naphthalene	15.23	128	492650	52.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	197757	52.325	ug/l	98

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

