

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011499.D
 Acq On : 12 Aug 2019 21:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:12:36 AM

Quant Time: Aug 13 09:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	91242	58.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.48%	
35) Dibromofluoromethane	5.49	113	79545	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.71	98	295668	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	109148	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	53784	45.147	ug/l	99
3) Chloromethane	1.32	50	59899	44.774	ug/l	98
4) Vinyl Chloride	1.40	62	65473	44.492	ug/l	98
5) Bromomethane	1.63	94	51373	48.949	ug/l	96
6) Chloroethane	1.71	64	44671	48.979	ug/l	100
7) Trichlorofluoromethane	1.92	101	122649	46.875	ug/l	98
8) Diethyl Ether	2.18	74	43478	46.535	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69010	48.744	ug/l	98
10) Methyl Iodide	2.50	142	85471	47.885	ug/l	97
11) Tert butyl alcohol	3.04	59	87133	281.298	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67978	48.438	ug/l	95
13) Acrolein	2.29	56	41801	217.096	ug/l	98
14) Allyl chloride	2.72	41	104987	56.115	ug/l	96
15) Acrylonitrile	3.14	53	208129	281.572	ug/l	99
16) Acetone	2.44	43	181292	245.200	ug/l	95
17) Carbon Disulfide	2.56	76	148340	45.043	ug/l	100
18) Methyl Acetate	2.76	43	101762	60.227	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	237805	57.500	ug/l	99
20) Methylene Chloride	2.85	84	81364	50.248	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75120	50.601	ug/l	96
22) Diisopropyl ether	3.85	45	230605	56.081	ug/l	98
23) Vinyl Acetate	3.81	43	1001025	293.513	ug/l	99
24) 1,1-Dichloroethane	3.69	63	133001	54.853	ug/l	99
25) 2-Butanone	4.66	43	291795	277.439	ug/l	94
26) 2,2-Dichloropropane	4.57	77	94137	49.945	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	89328	52.240	ug/l	96
28) Bromochloromethane	5.01	49	60685	54.900	ug/l	97
29) Tetrahydrofuran	5.12	42	185571	287.762	ug/l	98
30) Chloroform	5.20	83	147323	55.904	ug/l	96
31) Cyclohexane	5.57	56	100220	50.100	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131139	58.091	ug/l	99
36) 1,1-Dichloropropene	5.79	75	101635	50.315	ug/l	98
37) Ethyl Acetate	4.82	43	110431	54.502	ug/l	98
38) Carbon Tetrachloride	5.78	117	114164	56.177	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107201	44.773	ug/l	99
40) Benzene	6.13	78	310100	51.445	ug/l	97
41) Methacrylonitrile	5.03	41	62172	56.185	ug/l	96
42) 1,2-Dichloroethane	6.19	62	117649	57.720	ug/l	97
43) Isopropyl Acetate	6.44	43	178750	55.180	ug/l	99
44) Trichloroethene	7.21	130	89891	49.268	ug/l	97
45) 1,2-Dichloropropane	7.51	63	80476	51.552	ug/l	95
46) Dibromomethane	7.66	93	59665	52.355	ug/l	97
47) Bromodichloromethane	7.90	83	109904	56.961	ug/l	98
48) Methyl methacrylate	7.76	41	88581	58.105	ug/l	97
49) 1,4-Dioxane	7.74	88	44012	995.821	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	598516	286.291	ug/l	99
52) Toluene	8.78	92	206162	51.730	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	115568	51.350	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	125990	55.900	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90256	55.081	ug/l	98
56) Ethyl methacrylate	9.18	69	132341	56.674	ug/l	98
57) 1,3-Dichloropropane	9.37	76	141486	54.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	301251	262.379	ug/l	99
59) 2-Hexanone	9.49	43	455188	281.103	ug/l	98
60) Dibromochloromethane	9.58	129	97014	57.828	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96642	54.589	ug/l	98
64) Tetrachloroethene	9.34	164	89496	48.435	ug/l	97
65) Chlorobenzene	10.13	112	234966	50.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89884	56.279	ug/l	99
67) Ethyl Benzene	10.25	91	405771	51.936	ug/l	98
68) m/p-Xylenes	10.35	106	311111	102.948	ug/l	97
69) o-Xylene	10.69	106	151897	51.157	ug/l	98
70) Styrene	10.71	104	264176	53.770	ug/l	98
71) Bromoform	10.85	173	70921	49.682	ug/l #	98
73) Isopropylbenzene	11.02	105	417079	53.644	ug/l	100
74) N-amyl acetate	10.90	43	161323	57.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	137256	52.974	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	117408m	56.712	ug/l	
77) Bromobenzene	11.25	156	111552	51.742	ug/l	96
78) n-propylbenzene	11.36	91	460377	53.246	ug/l	98
79) 2-Chlorotoluene	11.42	91	272577	52.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	346180	53.190	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37121	48.072	ug/l	97
82) 4-Chlorotoluene	11.51	91	319493	53.197	ug/l	97
83) tert-Butylbenzene	11.77	119	341584	53.512	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	349226	53.893	ug/l	99
85) sec-Butylbenzene	11.94	105	397873	51.879	ug/l	99
86) p-Isopropyltoluene	12.06	119	370044	52.448	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	197276	51.787	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	196644	50.061	ug/l	98
89) n-Butylbenzene	12.38	91	309313	50.886	ug/l	99
90) Hexachloroethane	12.59	117	59461	57.004	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194720	50.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28841	57.454	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128743	50.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	63240	49.105	ug/l	99
95) Naphthalene	13.83	128	409165	55.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	130856	50.708	ug/l	98

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

