

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010423.D
 Acq On : 24 Jun 2019 19:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 9:01:50 AM

Quant Time: Jun 25 04:38:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123158	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	120222	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.71	98	459279	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	162928	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85849	46.218	ug/l	99
3) Chloromethane	1.32	50	94824	43.841	ug/l	98
4) Vinyl Chloride	1.41	62	107177	45.241	ug/l	99
5) Bromomethane	1.64	94	48772	42.258	ug/l	98
6) Chloroethane	1.71	64	68080	48.709	ug/l	98
7) Trichlorofluoromethane	1.92	101	179366	47.761	ug/l	99
8) Diethyl Ether	2.19	74	66173	49.135	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105492	46.353	ug/l	99
10) Methyl Iodide	2.51	142	133510	41.106	ug/l	99
11) Tert butyl alcohol	3.06	59	142659	217.640	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108471	46.840	ug/l	100
13) Acrolein	2.29	56	105106	241.718	ug/l	99
14) Allyl chloride	2.73	41	157806	47.998	ug/l	100
15) Acrylonitrile	3.14	53	319315	246.048	ug/l	99
16) Acetone	2.45	43	272484	217.043	ug/l	98
17) Carbon Disulfide	2.57	76	272153	43.804	ug/l	99
18) Methyl Acetate	2.78	43	122921	49.126	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	355941	48.858	ug/l	98
20) Methylene Chloride	2.85	84	123646	47.858	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	116186	46.649	ug/l	98
22) Diisopropyl ether	3.86	45	334723	48.694	ug/l	90
23) Vinyl Acetate	3.82	43	1500403	252.662	ug/l	100
24) 1,1-Dichloroethane	3.70	63	193308	48.650	ug/l	99
25) 2-Butanone	4.68	43	441770	239.888	ug/l	99
26) 2,2-Dichloropropane	4.58	77	151958	44.024	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	138151	48.000	ug/l	99
28) Bromochloromethane	5.01	49	94186	49.578	ug/l	100
29) Tetrahydrofuran	5.13	42	281029	246.370	ug/l	100
30) Chloroform	5.21	83	208571	48.787	ug/l	99
31) Cyclohexane	5.58	56	172098	47.563	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	184433	48.857	ug/l	100
36) 1,1-Dichloropropene	5.80	75	148960	46.154	ug/l	100
37) Ethyl Acetate	4.83	43	164942	49.677	ug/l	99
38) Carbon Tetrachloride	5.79	117	165374	47.319	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195569	46.099	ug/l	99
40) Benzene	6.14	78	484139	48.149	ug/l	99
41) Methacrylonitrile	5.04	41	87881	48.239	ug/l	99
42) 1,2-Dichloroethane	6.19	62	152618	49.863	ug/l	99
43) Isopropyl Acetate	6.45	43	268862	48.944	ug/l	99
44) Trichloroethene	7.21	130	142810	47.465	ug/l	99
45) 1,2-Dichloropropane	7.51	63	121125	47.702	ug/l	97
46) Dibromomethane	7.66	93	87903	48.251	ug/l	99
47) Bromodichloromethane	7.90	83	161785	48.458	ug/l	100
48) Methyl methacrylate	7.77	41	127371	49.883	ug/l	99
49) 1,4-Dioxane	7.74	88	66991	910.748	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	866088	246.516	ug/l	99
52) Toluene	8.79	92	317019	47.877	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	178592	47.712	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	196961	48.421	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	133641	48.937	ug/l	99
56) Ethyl methacrylate	9.18	69	203375	49.161	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204300	48.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	506732	257.913	ug/l	100
59) 2-Hexanone	9.49	43	657207	237.679	ug/l	100
60) Dibromochloromethane	9.58	129	149063	48.750	ug/l	99
61) 1,2-Dibromoethane	9.67	107	143163	48.568	ug/l	100
64) Tetrachloroethene	9.34	164	139115	46.519	ug/l	99
65) Chlorobenzene	10.14	112	356632	47.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	135860	49.690	ug/l	99
67) Ethyl Benzene	10.25	91	605235	47.761	ug/l	100
68) m/p-Xylenes	10.36	106	472206	96.169	ug/l	99
69) o-Xylene	10.69	106	228290	47.278	ug/l	99
70) Styrene	10.71	104	395802	48.877	ug/l	100
71) Bromoform	10.85	173	115667	48.647	ug/l	98
73) Isopropylbenzene	11.02	105	610649	48.558	ug/l	99
74) N-amyl acetate	10.90	43	237661	50.006	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	201717	48.434	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166373m	49.214	ug/l	
77) Bromobenzene	11.26	156	166830	47.509	ug/l	100
78) n-propylbenzene	11.36	91	669883	48.467	ug/l	100
79) 2-Chlorotoluene	11.42	91	393031	47.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	504923	48.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	66792	46.092	ug/l	97
82) 4-Chlorotoluene	11.51	91	454335	48.513	ug/l	99
83) tert-Butylbenzene	11.77	119	503088	48.349	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	512844	49.237	ug/l	100
85) sec-Butylbenzene	11.94	105	591299	48.398	ug/l	100
86) p-Isopropyltoluene	12.06	119	546168	48.331	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	290633	47.415	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	286581	45.925	ug/l	99
89) n-Butylbenzene	12.38	91	464577	48.379	ug/l	100
90) Hexachloroethane	12.60	117	96734	49.505	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	284494	46.699	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41250	45.938	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	199713	47.272	ug/l	99
94) Hexachlorobutadiene	13.78	225	96749	46.857	ug/l	99
95) Naphthalene	13.83	128	637826	49.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	203366	48.415	ug/l	100

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

