

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011119\
 Data File : VX007028.D
 Acq On : 11 Jan 2019 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:40:37 AM

Quant Time: Jan 11 23:13:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	496946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	741297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	706996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	256874	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.51	113	236622	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	8.71	98	877523	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	317700	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	219099	53.689	ug/l	98
3) Chloromethane	1.33	50	251355	52.909	ug/l	98
4) Vinyl Chloride	1.41	62	260258	50.928	ug/l	99
5) Bromomethane	1.64	94	264449	48.435	ug/l	96
6) Chloroethane	1.71	64	172334	48.296	ug/l	100
7) Trichlorofluoromethane	1.92	101	416456	50.436	ug/l	99
8) Diethyl Ether	2.19	74	159970	48.697	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	238312	48.207	ug/l	98
10) Methyl Iodide	2.51	142	379353	56.889	ug/l	99
11) Tert butyl alcohol	3.08	59	313875	256.200	ug/l	99
12) 1,1-Dichloroethene	2.37	96	229167	50.175	ug/l	99
13) Acrolein	2.30	56	104222	197.902	ug/l	97
14) Allyl chloride	2.73	41	388553	49.639	ug/l	100
15) Acrylonitrile	3.15	53	725819	258.076	ug/l	100
16) Acetone	2.45	43	617449	240.486	ug/l	99
17) Carbon Disulfide	2.57	76	547259	46.540	ug/l	99
18) Methyl Acetate	2.78	43	384522	51.715	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	798060	50.343	ug/l	99
20) Methylene Chloride	2.85	84	264670	54.246	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	243683	47.877	ug/l	99
22) Diisopropyl ether	3.87	45	742933	50.486	ug/l	94
23) Vinyl Acetate	3.82	43	3104742	250.181	ug/l	99
24) 1,1-Dichloroethane	3.70	63	406573	49.411	ug/l	99
25) 2-Butanone	4.70	43	938796	255.543	ug/l	99
26) 2,2-Dichloropropane	4.59	77	269596	42.608	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	272509	48.540	ug/l	100
28) Bromochloromethane	5.02	49	181636	50.382	ug/l	95
29) Tetrahydrofuran	5.15	42	603695	252.860	ug/l	98
30) Chloroform	5.21	83	434907	50.482	ug/l	97
31) Cyclohexane	5.57	56	360592	49.237	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	368869	50.514	ug/l	99
36) 1,1-Dichloropropene	5.79	75	314929	48.864	ug/l	99
37) Ethyl Acetate	4.85	43	348045	50.371	ug/l	99
38) Carbon Tetrachloride	5.78	117	318799	49.164	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397780	48.413	ug/l	99
40) Benzene	6.14	78	978304	49.747	ug/l	100
41) Methacrylonitrile	5.06	41	191737	48.169	ug/l	98
42) 1,2-Dichloroethane	6.20	62	331333	48.757	ug/l	99
43) Isopropyl Acetate	6.46	43	555000	50.922	ug/l	99
44) Trichloroethene	7.21	130	287256	48.745	ug/l	98
45) 1,2-Dichloropropane	7.52	63	239107	48.363	ug/l	98
46) Dibromomethane	7.66	93	175133	50.403	ug/l	98
47) Bromodichloromethane	7.90	83	307698	52.025	ug/l	95
48) Methyl methacrylate	7.77	41	290240	51.856	ug/l	98
49) 1,4-Dioxane	7.75	88	136626	1069.500	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1849882	264.106	ug/l	99
52) Toluene	8.79	92	644334	50.977	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	335374	51.138	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	372674	51.456	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	266259	52.629	ug/l	97
56) Ethyl methacrylate	9.18	69	400346	54.205	ug/l	96
57) 1,3-Dichloropropane	9.37	76	425757	51.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1000961	263.587	ug/l	100
59) 2-Hexanone	9.49	43	1408705	263.917	ug/l	99
60) Dibromochloromethane	9.59	129	270272	55.016	ug/l	99
61) 1,2-Dibromoethane	9.67	107	288546	51.807	ug/l	100
64) Tetrachloroethene	9.34	164	281836	46.044	ug/l	94
65) Chlorobenzene	10.14	112	733375	47.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	261528	50.417	ug/l	99
67) Ethyl Benzene	10.25	91	1238190	48.639	ug/l	98
68) m/p-Xylenes	10.36	106	988666	98.576	ug/l	100
69) o-Xylene	10.70	106	477230	48.790	ug/l	96
70) Styrene	10.71	104	780891	50.408	ug/l	100
71) Bromoform	10.86	173	202440	44.224	ug/l	98
73) Isopropylbenzene	11.02	105	1268891	50.048	ug/l	99
74) N-amyl acetate	10.90	43	510495	50.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391013	48.580	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	360100m	49.422	ug/l	
77) Bromobenzene	11.26	156	340833	48.789	ug/l	99
78) n-propylbenzene	11.36	91	1410968	50.695	ug/l	99
79) 2-Chlorotoluene	11.42	91	823433	49.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1037879	48.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	103418	43.377	ug/l	99
82) 4-Chlorotoluene	11.51	91	951760	49.063	ug/l	99
83) tert-Butylbenzene	11.77	119	1057759	50.044	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1065420	50.012	ug/l	100
85) sec-Butylbenzene	11.94	105	1262728	50.023	ug/l	100
86) p-Isopropyltoluene	12.07	119	1132684	50.165	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	601488	47.636	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	608245	50.839	ug/l	100
89) n-Butylbenzene	12.39	91	965803	50.177	ug/l	98
90) Hexachloroethane	12.60	117	167930	46.786	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	599446	48.107	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81090	50.940	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	419340	49.051	ug/l	99
94) Hexachlorobutadiene	13.78	225	185623	48.929	ug/l	99
95) Naphthalene	13.83	128	1286067	49.645	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	414872	48.852	ug/l	99

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

