

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004277.D
 Acq On : 29 Aug 2018 08:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:32 PM

Quant Time: Aug 30 03:11:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	288205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	191706	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.50	113	163571	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.71	98	601404	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	237320	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	149064	44.65	ug/l	99
3) Chloromethane	1.32	50	168514	45.70	ug/l	100
4) Vinyl Chloride	1.40	62	172169	45.59	ug/l	99
5) Bromomethane	1.64	94	81701	43.64	ug/l	99
6) Chloroethane	1.71	64	122605	45.60	ug/l	99
7) Trichlorofluoromethane	1.92	101	232080	44.85	ug/l	96
8) Diethyl Ether	2.19	74	116576	52.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144690	44.64	ug/l	99
10) Methyl Iodide	2.51	142	162125	44.81	ug/l	98
11) Tert butyl alcohol	3.07	59	206348	257.70	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138968	45.52	ug/l	98
13) Acrolein	2.29	56	55772	288.91	ug/l	98
14) Allyl chloride	2.72	41	278087	49.57	ug/l	99
15) Acrylonitrile	3.15	53	504532	254.43	ug/l	100
16) Acetone	2.45	43	427996	280.08	ug/l	98
17) Carbon Disulfide	2.57	76	354336	41.92	ug/l	98
18) Methyl Acetate	2.78	43	333236	59.78	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	544327	54.10	ug/l	98
20) Methylene Chloride	2.85	84	178291	49.31	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	157226	46.52	ug/l	97
22) Diisopropyl ether	3.87	45	551683	52.67	ug/l	96
23) Vinyl Acetate	3.82	43	2223704	261.95	ug/l	99
24) 1,1-Dichloroethane	3.69	63	305349	50.03	ug/l	99
25) 2-Butanone	4.70	43	659590	262.19	ug/l	100
26) 2,2-Dichloropropane	4.58	77	238435	49.80	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	191717	50.02	ug/l	99
28) Bromochloromethane	5.01	49	137955	51.05	ug/l	99
29) Tetrahydrofuran	5.15	42	415140	257.22	ug/l	99
30) Chloroform	5.21	83	306079	50.01	ug/l	100
31) Cyclohexane	5.57	56	231677	43.99	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	245272	48.06	ug/l	99
36) 1,1-Dichloropropene	5.79	75	217774	45.65	ug/l	99
37) Ethyl Acetate	4.86	43	241115	51.40	ug/l	100
38) Carbon Tetrachloride	5.78	117	205956	45.90	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229208	42.09	ug/l	100
40) Benzene	6.14	78	695329	48.78	ug/l	99
41) Methacrylonitrile	5.06	41	142728	52.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244536	50.30	ug/l	99
43) Isopropyl Acetate	6.46	43	386262	53.58	ug/l	99
44) Trichloroethene	7.21	130	186046	47.16	ug/l	98
45) 1,2-Dichloropropane	7.51	63	182413	51.13	ug/l	100
46) Dibromomethane	7.66	93	119613	50.36	ug/l	98
47) Bromodichloromethane	7.90	83	228921	51.80	ug/l	99
48) Methyl methacrylate	7.77	41	206203	53.46	ug/l	99
49) 1,4-Dioxane	7.76	88	88451	1010.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1310584	250.23	ug/l	99
52) Toluene	8.79	92	444215	49.79	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	267819	54.86	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	290313	54.60	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	185873	51.61	ug/l	97
56) Ethyl methacrylate	9.18	69	281348	57.38	ug/l	98
57) 1,3-Dichloropropane	9.37	76	316045	52.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	717234	285.50	ug/l	99
59) 2-Hexanone	9.50	43	1009588	252.66	ug/l	99
60) Dibromochloromethane	9.59	129	187556	53.45	ug/l	99
61) 1,2-Dibromoethane	9.67	107	195154	52.36	ug/l	99
64) Tetrachloroethene	9.34	164	182152	48.11	ug/l	99
65) Chlorobenzene	10.14	112	484018	50.32	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	179211	54.02	ug/l	96
67) Ethyl Benzene	10.25	91	816557	52.27	ug/l	95
68) m/p-Xylenes	10.36	106	638871	104.59	ug/l	98
69) o-Xylene	10.70	106	311961	53.99	ug/l	97
70) Styrene	10.71	104	534032	57.08	ug/l	100
71) Bromoform	10.86	173	145931	54.57	ug/l	98
73) Isopropylbenzene	11.02	105	836451	49.89	ug/l	100
74) N-amyl acetate	10.90	43	339816	52.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	291352	49.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	272189m	52.43	ug/l	
77) Bromobenzene	11.26	156	235767	50.13	ug/l	99
78) n-propylbenzene	11.36	91	956676	49.61	ug/l	99
79) 2-Chlorotoluene	11.42	91	589312	49.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	699132	50.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	88761	55.47	ug/l	97
82) 4-Chlorotoluene	11.51	91	691635	49.52	ug/l	99
83) tert-Butylbenzene	11.77	119	690649	49.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	741433	52.02	ug/l	100
85) sec-Butylbenzene	11.94	105	795735	47.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	741281	49.88	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	441492	49.86	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	446042	47.78	ug/l	100
89) n-Butylbenzene	12.39	91	600334	49.67	ug/l	98
90) Hexachloroethane	12.60	117	100377	48.32	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	411381	50.83	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53264	51.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297727	50.56	ug/l	97
94) Hexachlorobutadiene	13.79	225	111536	40.69	ug/l	91
95) Naphthalene	13.83	128	919599	55.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	313569	50.31	ug/l	98

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

