

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003279.D
 Acq On : 10 Jul 2018 12:43
 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
 7/11/2018 3:09:24 PM

Quant Time: Jul 10 16:32:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183805	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.50	113	156792	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
50) Toluene-d8	8.72	98	577823	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.14	95	218161	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	209678	53.77	ug/l	97
3) Chloromethane	1.32	50	172804	48.74	ug/l	98
4) Vinyl Chloride	1.40	62	186077	51.13	ug/l	99
5) Bromomethane	1.64	94	51034	47.99	ug/l	91
6) Chloroethane	1.71	64	106121	52.63	ug/l	99
7) Trichlorofluoromethane	1.92	101	284894	52.67	ug/l	97
8) Diethyl Ether	2.19	74	100677	51.48	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	164879	52.06	ug/l	96
10) Methyl Iodide	2.51	142	145278	42.50	ug/l	97
11) Tert butyl alcohol	3.09	59	192166	262.57	ug/l	98
12) 1,1-Dichloroethene	2.37	96	145978	50.64	ug/l	92
13) Acrolein	2.29	56	127853	216.79	ug/l	100
14) Allyl chloride	2.73	41	279917	52.43	ug/l	94
15) Acrylonitrile	3.15	53	414092	253.39	ug/l	99
16) Acetone	2.45	43	371563	259.26	ug/l	96
17) Carbon Disulfide	2.57	76	397774	49.66	ug/l	99
18) Methyl Acetate	2.78	43	228334	56.47	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	486821	50.56	ug/l	100
20) Methylene Chloride	2.85	84	158479	54.02	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	154690	50.34	ug/l	96
22) Diisopropyl ether	3.88	45	483705	44.53	ug/l	97
23) Vinyl Acetate	3.83	43	2126855	230.62	ug/l	98
24) 1,1-Dichloroethane	3.70	63	275991	48.82	ug/l	100
25) 2-Butanone	4.71	43	651623	256.95	ug/l	95
26) 2,2-Dichloropropane	4.58	77	258543	52.28	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	192410	50.95	ug/l	94
28) Bromochloromethane	5.02	49	133882	47.00	ug/l	89
29) Tetrahydrofuran	5.17	42	412431	250.57	ug/l	96
30) Chloroform	5.21	83	312146	50.19	ug/l	94
31) Cyclohexane	5.57	56	272015	51.38	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	278011	50.67	ug/l	98
36) 1,1-Dichloropropene	5.80	75	233423	52.20	ug/l	98
37) Ethyl Acetate	4.87	43	251555	51.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	254766	52.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283185	53.75	ug/l	95
40) Benzene	6.14	78	685331	51.72	ug/l	98
41) Methacrylonitrile	5.07	41	140837	52.48	ug/l	97
42) 1,2-Dichloroethane	6.20	62	248269	50.14	ug/l	98
43) Isopropyl Acetate	6.47	43	399299	51.87	ug/l	97
44) Trichloroethene	7.21	130	206827	52.78	ug/l	98
45) 1,2-Dichloropropane	7.52	63	174942	50.78	ug/l	98
46) Dibromomethane	7.67	93	119295	50.80	ug/l	94
47) Bromodichloromethane	7.90	83	229654	53.00	ug/l	98
48) Methyl methacrylate	7.78	41	208499	52.81	ug/l	93
49) 1,4-Dioxane	7.76	88	87118	1055.30	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1303907	272.07	ug/l	97
52) Toluene	8.79	92	442580	52.83	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	275702	54.07	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	255476	55.06	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	178350	51.32	ug/l	97
56) Ethyl methacrylate	9.18	69	259285	54.47	ug/l	92
57) 1,3-Dichloropropane	9.38	76	291581	52.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	673394	293.28	ug/l	96
59) 2-Hexanone	9.50	43	1013972	278.55	ug/l	95
60) Dibromochloromethane	9.59	129	195153	53.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	191422	52.56	ug/l	100
64) Tetrachloroethene	9.34	164	241338	54.64	ug/l	98
65) Chlorobenzene	10.14	112	510833	51.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	189962	53.04	ug/l	100
67) Ethyl Benzene	10.26	91	863246	53.77	ug/l	99
68) m/p-Xylenes	10.36	106	681243	109.08	ug/l	97
69) o-Xylene	10.70	106	326085	53.89	ug/l	97
70) Styrene	10.71	104	541196	55.16	ug/l	98
71) Bromoform	10.86	173	156765	53.19	ug/l	100
73) Isopropylbenzene	11.02	105	897006	52.81	ug/l	100
74) N-amyl acetate	6.47	43	399299	49.28	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	258542	49.08	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232259m	49.96	ug/l	
77) Bromobenzene	11.26	156	251651	51.32	ug/l	95
78) n-propylbenzene	11.37	91	1025847	54.32	ug/l	98
79) 2-Chlorotoluene	11.43	91	600373	52.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	758417	53.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	75167	52.84	ug/l	94
82) 4-Chlorotoluene	11.51	91	709103	52.79	ug/l	98
83) tert-Butylbenzene	11.77	119	740816	52.44	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	777927	53.71	ug/l	98
85) sec-Butylbenzene	11.95	105	907302	54.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	829121	54.50	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	462393	51.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	468343	51.43	ug/l	98
89) n-Butylbenzene	12.39	91	708366	55.73	ug/l	99
90) Hexachloroethane	12.60	117	116271	50.06	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	456678	50.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59202	52.38	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	355183	54.03	ug/l	99
94) Hexachlorobutadiene	13.79	225	185066	56.55	ug/l	100
95) Naphthalene	13.84	128	958571	55.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	357053	54.46	ug/l	99

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

