

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003470.D
 Acq On : 19 Jul 2018 17:26
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071918

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:12 PM

Quant Time: Jul 20 04:10:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	465795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191120	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	178003	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	8.72	98	682738	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	249547	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	139479	50.94	ug/l	98
3) Chloromethane	1.32	50	175965	51.88	ug/l	99
4) Vinyl Chloride	1.40	62	199057	45.42	ug/l	100
5) Bromomethane	1.64	94	94208	54.25	ug/l	98
6) Chloroethane	1.71	64	126888	48.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	280565	47.99	ug/l	99
8) Diethyl Ether	2.18	74	118683	47.26	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	181936	47.54	ug/l	98
10) Methyl Iodide	2.51	142	187062	40.69	ug/l	93
11) Tert butyl alcohol	3.07	59	193662	239.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	167473	47.53	ug/l	89
13) Acrolein	2.29	56	80743	221.15	ug/l	99
14) Allyl chloride	2.73	41	304263	48.78	ug/l	86
15) Acrylonitrile	3.15	53	487231	236.83	ug/l	98
16) Acetone	2.45	43	357467	231.74	ug/l #	88
17) Carbon Disulfide	2.57	76	471141	49.44	ug/l	99
18) Methyl Acetate	2.78	43	234201	48.16	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	563507	48.98	ug/l	100
20) Methylene Chloride	2.85	84	190465	50.51	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	184669	47.10	ug/l	93
22) Diisopropyl ether	3.87	45	578986	49.33	ug/l	97
23) Vinyl Acetate	3.82	43	2427278	251.06	ug/l	95
24) 1,1-Dichloroethane	3.70	63	332276	48.25	ug/l	99
25) 2-Butanone	4.71	43	648581	250.61	ug/l	99
26) 2,2-Dichloropropane	4.58	77	264697	50.61	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	218864	50.14	ug/l	95
28) Bromochloromethane	5.02	49	144740	48.09	ug/l	86
29) Tetrahydrofuran	5.16	42	416136	243.41	ug/l	91
30) Chloroform	5.21	83	329169	48.95	ug/l	96
31) Cyclohexane	5.58	56	304305	49.46	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	283609	49.25	ug/l	97
36) 1,1-Dichloropropene	5.80	75	257241	51.15	ug/l	97
37) Ethyl Acetate	4.86	43	249895	52.51	ug/l	96
38) Carbon Tetrachloride	5.78	117	258593	52.42	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	315823	53.02	ug/l	93
40) Benzene	6.14	78	764382	50.34	ug/l	100
41) Methacrylonitrile	5.06	41	140221	50.13	ug/l	91
42) 1,2-Dichloroethane	6.20	62	241845	50.55	ug/l	94
43) Isopropyl Acetate	6.46	43	384815	50.83	ug/l #	92
44) Trichloroethene	7.21	130	228215	50.40	ug/l	98
45) 1,2-Dichloropropane	7.52	63	196453	50.95	ug/l	99
46) Dibromomethane	7.67	93	127322	51.30	ug/l	94
47) Bromodichloromethane	7.90	83	240717	52.97	ug/l	98
48) Methyl methacrylate	7.77	41	197776	51.81	ug/l #	82
49) 1,4-Dioxane	7.76	88	87619	1012.96	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	1250863	261.55	ug/l	91
52) Toluene	8.79	92	492451	51.52	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	304793	54.50	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	275537	54.78	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	195223	51.33	ug/l	97
56) Ethyl methacrylate	9.18	69	291773	54.47	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	319056	51.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	680275	261.17	ug/l	96
59) 2-Hexanone	9.50	43	933642	263.49	ug/l	88
60) Dibromochloromethane	9.59	129	204188	54.24	ug/l	100
61) 1,2-Dibromoethane	9.68	107	203462	51.61	ug/l	99
64) Tetrachloroethene	9.34	164	267874	49.75	ug/l	99
65) Chlorobenzene	10.14	112	565216	49.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	200129	51.08	ug/l	98
67) Ethyl Benzene	10.26	91	942857	51.50	ug/l	99
68) m/p-Xylenes	10.36	106	748918	104.34	ug/l	95
69) o-Xylene	10.70	106	357507	51.51	ug/l	96
70) Styrene	10.71	104	604267	52.93	ug/l	97
71) Bromoform	10.86	173	161913	53.19	ug/l #	99
73) Isopropylbenzene	11.02	105	961608	50.53	ug/l	99
74) N-amyl acetate	6.46	43	384815	47.62	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	272086	48.79	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	284856m	57.62	ug/l	
77) Bromobenzene	11.26	156	265166	48.45	ug/l	96
78) n-propylbenzene	11.36	91	1087372	51.40	ug/l	98
79) 2-Chlorotoluene	11.42	91	639629	49.81	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	811643	51.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	85179	48.99	ug/l	87
82) 4-Chlorotoluene	11.51	91	753910	50.10	ug/l	98
83) tert-Butylbenzene	11.77	119	775322	50.62	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	825618	51.88	ug/l	97
85) sec-Butylbenzene	11.95	105	954209	51.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	872016	52.23	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	488148	48.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	489825	47.26	ug/l	99
89) n-Butylbenzene	12.39	91	744724	52.53	ug/l	98
90) Hexachloroethane	12.60	117	123529	52.05	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	479773	48.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54673	50.38	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	360723	49.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	175468	50.20	ug/l	99
95) Naphthalene	13.83	128	988106	51.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	356915	49.61	ug/l	100

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

