

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003395.D
 Acq On : 16 Jul 2018 14:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX071618

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:34 PM

Quant Time: Jul 17 02:04:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	345897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	467368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211428	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.51	113	185854	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.72	98	694956	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.14	95	258169	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186899	47.87	ug/l	99
3) Chloromethane	1.32	50	183553	43.44	ug/l	98
4) Vinyl Chloride	1.40	62	205331	44.59	ug/l	100
5) Bromomethane	1.64	94	99582	64.66	ug/l	99
6) Chloroethane	1.72	64	127286	49.94	ug/l	100
7) Trichlorofluoromethane	1.92	101	278629	45.62	ug/l	97
8) Diethyl Ether	2.19	74	115511	44.20	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	177027	45.88	ug/l	97
10) Methyl Iodide	2.51	142	174682	42.32	ug/l	93
11) Tert butyl alcohol	3.09	59	226599	222.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	160306	43.97	ug/l	92
13) Acrolein	2.29	56	97904	200.35	ug/l	100
14) Allyl chloride	2.73	41	301933	45.65	ug/l	87
15) Acrylonitrile	3.15	53	517664	221.80	ug/l	98
16) Acetone	2.45	43	424127	225.11	ug/l #	89
17) Carbon Disulfide	2.56	76	442732	44.25	ug/l	98
18) Methyl Acetate	2.78	43	299375	48.78	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	540175	44.62	ug/l	99
20) Methylene Chloride	2.86	84	180747	53.59	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	172195	43.73	ug/l	95
22) Diisopropyl ether	3.88	45	561505	43.77	ug/l	95
23) Vinyl Acetate	3.83	43	2356841	222.75	ug/l	96
24) 1,1-Dichloroethane	3.70	63	318212	43.72	ug/l	100
25) 2-Butanone	4.72	43	663945	225.17	ug/l	93
26) 2,2-Dichloropropane	4.58	77	244458	47.85	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	188592	44.51	ug/l	88
28) Bromochloromethane	5.02	49	147850	46.79	ug/l	87
29) Tetrahydrofuran	5.18	42	427248	228.47	ug/l	92
30) Chloroform	5.21	83	299541	44.66	ug/l	98
31) Cyclohexane	5.57	56	263593	46.90	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	259528	45.50	ug/l	97
36) 1,1-Dichloropropene	5.80	75	228356	48.25	ug/l	98
37) Ethyl Acetate	4.87	43	244389	45.82	ug/l	95
38) Carbon Tetrachloride	5.78	117	230021	47.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	262508	48.45	ug/l	96
40) Benzene	6.14	78	683363	47.46	ug/l	99
41) Methacrylonitrile	5.07	41	141006	48.08	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227656	46.10	ug/l	95
43) Isopropyl Acetate	6.48	43	388703	48.29	ug/l	94
44) Trichloroethene	7.21	130	189949	45.54	ug/l	98
45) 1,2-Dichloropropane	7.52	63	169518	45.26	ug/l	100
46) Dibromomethane	7.67	93	113016	45.31	ug/l	98
47) Bromodichloromethane	7.90	83	212669	46.56	ug/l	97
48) Methyl methacrylate	7.79	41	197750	48.15	ug/l	87
49) 1,4-Dioxane	7.76	88	87338	928.90	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1278006	241.20	ug/l	93
52) Toluene	8.79	92	422300	46.84	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	263009	48.77	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	242852	49.34	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	171913	45.64	ug/l	99
56) Ethyl methacrylate	9.19	69	259649	48.68	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	279817	46.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	792692	296.39	ug/l	98
59) 2-Hexanone	9.50	43	1000643	245.80	ug/l	90
60) Dibromochloromethane	9.59	129	176221	47.08	ug/l	100
61) 1,2-Dibromoethane	9.68	107	181168	46.66	ug/l	100
64) Tetrachloroethene	9.34	164	208458	45.85	ug/l	98
65) Chlorobenzene	10.14	112	481397	46.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172243	47.20	ug/l	99
67) Ethyl Benzene	10.26	91	815565	48.61	ug/l	100
68) m/p-Xylenes	10.36	106	644628	99.33	ug/l	97
69) o-Xylene	10.70	106	309862	49.71	ug/l	96
70) Styrene	10.71	104	515458	50.24	ug/l	98
71) Bromoform	10.86	173	139163	47.41	ug/l	100
73) Isopropylbenzene	11.02	105	833592	48.25	ug/l	100
74) N-amyl acetate	6.48	43	388703	46.79	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	259293	45.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	266906m	54.64	ug/l	
77) Bromobenzene	11.26	156	225023	45.86	ug/l	99
78) n-propylbenzene	11.37	91	959381	49.71	ug/l	100
79) 2-Chlorotoluene	11.43	91	558853	47.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	696936	49.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	77345	51.44	ug/l	90
82) 4-Chlorotoluene	11.51	91	663676	48.07	ug/l	98
83) tert-Butylbenzene	11.77	119	679687	49.28	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	717071	49.46	ug/l	98
85) sec-Butylbenzene	11.95	105	832450	49.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	755412	50.72	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	420484	46.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	422020	46.28	ug/l	99
89) n-Butylbenzene	12.39	91	658281	51.89	ug/l	99
90) Hexachloroethane	12.60	117	108795	48.21	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	418026	46.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59337	50.02	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	305459	49.49	ug/l	100
94) Hexachlorobutadiene	13.79	225	148155	49.87	ug/l	99
95) Naphthalene	13.84	128	899795	50.86	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305806	48.17	ug/l	100

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

