

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003244.D
 Acq On : 09 Jul 2018 13:36
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:46 PM

Quant Time: Jul 09 15:14:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	575004	161.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.52%	
35) Dibromofluoromethane	5.51	113	492282	188.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	377.48%	
50) Toluene-d8	8.72	98	1846975	193.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	387.84%	
62) 4-Bromofluorobenzene	11.14	95	723933	197.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	394.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	592040	231.06	ug/l	98
3) Chloromethane	1.32	50	497274	184.84	ug/l	99
4) Vinyl Chloride	1.40	62	542830	186.07	ug/l	100
5) Bromomethane	1.64	94	199007	110.50	ug/l	98
6) Chloroethane	1.70	64	242530	124.97	ug/l	99
7) Trichlorofluoromethane	1.92	101	748896	152.18	ug/l	100
8) Diethyl Ether	2.19	74	276136	154.35	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	440253	154.40	ug/l	94
10) Methyl Iodide	2.50	142	580915	218.55	ug/l	96
11) Tert butyl alcohol	3.11	59	546207	768.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	407502	160.17	ug/l	89
13) Acrolein	2.30	56	426222	1010.69	ug/l	100
14) Allyl chloride	2.72	41	759390	151.42	ug/l	93
15) Acrylonitrile	3.16	53	1175221	774.61	ug/l	98
16) Acetone	2.46	43	1008210	682.78	ug/l	95
17) Carbon Disulfide	2.56	76	1175591	173.43	ug/l	98
18) Methyl Acetate	2.78	43	588556	142.56	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	1353800	148.02	ug/l	99
20) Methylene Chloride	2.86	84	443402	154.31	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	436323	157.46	ug/l	95
22) Diisopropyl ether	3.88	45	1566434	163.40	ug/l	97
23) Vinyl Acetate	3.83	43	6798828	837.56	ug/l	97
24) 1,1-Dichloroethane	3.69	63	795770	152.73	ug/l	100
25) 2-Butanone	4.72	43	1840070	839.66	ug/l	96
26) 2,2-Dichloropropane	4.59	77	697032	164.52	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	543026	174.78	ug/l	89
28) Bromochloromethane	5.02	49	371160	148.82	ug/l	88
29) Tetrahydrofuran	5.17	42	1169931	832.50	ug/l	96
30) Chloroform	5.22	83	887503	165.97	ug/l	97
31) Cyclohexane	5.57	56	778057	174.00	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	816711	173.60	ug/l	98
36) 1,1-Dichloropropene	5.80	75	668559	185.10	ug/l	98
37) Ethyl Acetate	4.87	43	710068	182.59	ug/l	98
38) Carbon Tetrachloride	5.78	117	754589	190.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	809192	192.34	ug/l	95
40) Benzene	6.15	78	1958660	186.64	ug/l	100
41) Methacrylonitrile	5.07	41	409129	182.70	ug/l	96
42) 1,2-Dichloroethane	6.20	62	706066	166.56	ug/l	98
43) Isopropyl Acetate	6.48	43	1195597	183.31	ug/l	97
44) Trichloroethene	7.21	130	582586	186.20	ug/l	99
45) 1,2-Dichloropropane	7.52	63	509332	182.96	ug/l	100
46) Dibromomethane	7.67	93	347347	179.79	ug/l	93
47) Bromodichloromethane	7.90	83	686228	192.14	ug/l	98
48) Methyl methacrylate	7.78	41	627023	186.58	ug/l	93
49) 1,4-Dioxane	7.76	88	242829	3713.96	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	3761842	921.87	ug/l	95
52) Toluene	8.79	92	1284695	191.09	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	829809	205.15	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	789398	202.83	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	517608	187.36	ug/l	98
56) Ethyl methacrylate	9.19	69	808636	200.28	ug/l	91
57) 1,3-Dichloropropane	9.38	76	842685	185.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1928390	990.01	ug/l	96
59) 2-Hexanone	9.51	43	2892398	932.64	ug/l	94
60) Dibromochloromethane	9.59	129	612542	210.63	ug/l	100
61) 1,2-Dibromoethane	9.68	107	563164	194.35	ug/l	99
64) Tetrachloroethene	9.34	164	629808	182.50	ug/l	99
65) Chlorobenzene	10.14	112	1499158	190.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	581711	203.14	ug/l	99
67) Ethyl Benzene	10.26	91	2540797	195.12	ug/l	100
68) m/p-Xylenes	10.37	106	2000764	398.66	ug/l	96
69) o-Xylene	10.70	106	975004	199.52	ug/l	96
70) Styrene	10.72	104	1614856	203.37	ug/l	98
71) Bromoform	10.86	173	528956	235.03	ug/l	100
73) Isopropylbenzene	11.02	105	2623425	171.02	ug/l	99
74) N-amyl acetate	6.48	43	1195597	159.30	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	792685	167.75	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	670716m	162.39	ug/l	
77) Bromobenzene	11.26	156	753462	172.48	ug/l	94
78) n-propylbenzene	11.37	91	2961591	169.61	ug/l	97
79) 2-Chlorotoluene	11.43	91	1762935	166.77	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2233563	172.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	256802	210.89	ug/l	91
82) 4-Chlorotoluene	11.51	91	2096899	167.55	ug/l	98
83) tert-Butylbenzene	11.77	119	2259457	177.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2296767	171.58	ug/l	96
85) sec-Butylbenzene	11.95	105	2667186	172.67	ug/l	98
86) p-Isopropyltoluene	12.07	119	2453515	176.67	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	1374104	172.23	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1380495	168.14	ug/l	99
89) n-Butylbenzene	12.39	91	2098878	173.64	ug/l	98
90) Hexachloroethane	12.60	117	412955	199.92	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	1363272	169.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	185637	174.76	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1057731	180.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	508062	173.82	ug/l	99
95) Naphthalene	13.84	128	2824496	180.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1042840	178.15	ug/l	100

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

