

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004725.D
 Acq On : 26 Sep 2018 13:21
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:30:59 PM

Quant Time: Sep 26 13:47:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	405930	88.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	177.22%	
35) Dibromofluoromethane	5.50	113	332167	96.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.48%	
50) Toluene-d8	8.72	98	1123453	109.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.68%	
62) 4-Bromofluorobenzene	11.14	95	431641	117.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	234.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	434470	90.238	ug/l	99
3) Chloromethane	1.32	50	451577	85.098	ug/l	99
4) Vinyl Chloride	1.40	62	461148	92.504	ug/l	96
5) Bromomethane	1.64	94	242610	84.695	ug/l	96
6) Chloroethane	1.70	64	242620	88.981	ug/l	97
7) Trichlorofluoromethane	1.92	101	538753	84.426	ug/l	97
8) Diethyl Ether	2.19	74	240191	98.865	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	302225	95.021	ug/l	98
10) Methyl Iodide	2.50	142	428925	83.259	ug/l	96
11) Tert butyl alcohol	3.10	59	587798	484.352	ug/l	100
12) 1,1-Dichloroethene	2.36	96	301566	95.835	ug/l	96
13) Acrolein	2.29	56	459881	551.535	ug/l	96
14) Allyl chloride	2.72	41	719806	98.230	ug/l	90
15) Acrylonitrile	3.15	53	1242400	449.555	ug/l	97
16) Acetone	2.45	43	1127740	432.619	ug/l	97
17) Carbon Disulfide	2.56	76	947836	94.382	ug/l	99
18) Methyl Acetate	2.78	43	608082	95.802	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	1025707	92.697	ug/l	93
20) Methylene Chloride	2.85	84	329783	79.806	ug/l	89
21) trans-1,2-Dichloroethene	3.15	96	324239	87.595	ug/l	90
22) Diisopropyl ether	3.87	45	1217958	98.595	ug/l	94
23) Vinyl Acetate	3.82	43	5528836	471.733	ug/l	97
24) 1,1-Dichloroethane	3.70	63	656978	88.263	ug/l	97
25) 2-Butanone	4.71	43	1802822	475.710	ug/l	94
26) 2,2-Dichloropropane	4.58	77	482954	97.662	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	363756	88.109	ug/l	90
28) Bromochloromethane	5.01	49	314609	96.309	ug/l	91
29) Tetrahydrofuran	5.16	42	1185979	484.485	ug/l	92
30) Chloroform	5.21	83	669371	103.403	ug/l	95
31) Cyclohexane	5.57	56	551580	90.444	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	518109	93.655	ug/l	98
36) 1,1-Dichloropropene	5.80	75	465474	106.842	ug/l	99
37) Ethyl Acetate	4.86	43	659866	110.824	ug/l	95
38) Carbon Tetrachloride	5.78	117	467029	101.651	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	504832	113.029	ug/l	94
40) Benzene	6.14	78	1432922	106.783	ug/l	96
41) Methacrylonitrile	5.07	41	356161	103.866	ug/l	95
42) 1,2-Dichloroethane	6.20	62	509422	105.791	ug/l	98
43) Isopropyl Acetate	6.46	43	916705	99.973	ug/l	99
44) Trichloroethene	7.21	130	337826	108.072	ug/l	92
45) 1,2-Dichloropropane	7.51	63	347399	108.209	ug/l	94
46) Dibromomethane	7.66	93	213230	106.546	ug/l	98
47) Bromodichloromethane	7.90	83	414711	108.215	ug/l	98
48) Methyl methacrylate	7.78	41	441238	111.530	ug/l	93
49) 1,4-Dioxane	7.76	88	204791	2063.268	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2963840	546.367	ug/l	96
52) Toluene	8.79	92	775274	100.496	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	489299	101.398	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	518603	109.777	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	320719	95.267	ug/l	97
56) Ethyl methacrylate	9.18	69	538642	105.119	ug/l	94
57) 1,3-Dichloropropane	9.37	76	544732	94.604	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1467357	535.729	ug/l	94
59) 2-Hexanone	9.50	43	2416357	498.942	ug/l	94
60) Dibromochloromethane	9.59	129	346540	94.215	ug/l	100
61) 1,2-Dibromoethane	9.68	107	341236	89.268	ug/l	99
64) Tetrachloroethene	9.34	164	317051	89.062	ug/l	97
65) Chlorobenzene	10.14	112	886037	99.174	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	321627	103.067	ug/l	99
67) Ethyl Benzene	10.26	91	1528303	106.967	ug/l	98
68) m/p-Xylenes	10.36	106	1194284	204.331	ug/l	96
69) o-Xylene	10.70	106	577757	109.254	ug/l	97
70) Styrene	10.71	104	986800	109.048	ug/l	97
71) Bromoform	10.86	173	301246	107.463	ug/l	98
73) Isopropylbenzene	11.02	105	1523113	94.568	ug/l	100
74) N-amyl acetate	10.90	43	793123	100.818	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	571960	98.719	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	513677m	96.755	ug/l	
77) Bromobenzene	11.26	156	420164	96.117	ug/l	98
78) n-propylbenzene	11.36	91	1796520	96.464	ug/l	99
79) 2-Chlorotoluene	11.42	91	1085864	97.139	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1327238	95.685	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	186309	105.633	ug/l	97
82) 4-Chlorotoluene	11.51	91	1277465	96.078	ug/l	100
83) tert-Butylbenzene	11.77	119	1302551	98.695	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1371995	96.137	ug/l	98
85) sec-Butylbenzene	11.95	105	1554391	96.775	ug/l	99
86) p-Isopropyltoluene	12.07	119	1410106	96.601	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	785734	96.974	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	800687	97.359	ug/l	100
89) n-Butylbenzene	12.39	91	1308274	99.629	ug/l	98
90) Hexachloroethane	12.60	117	226154	103.470	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	796651	96.257	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130919	100.357	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	609974	100.284	ug/l	99
94) Hexachlorobutadiene	13.79	225	288906	98.970	ug/l	96
95) Naphthalene	13.83	128	1937347	99.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	620345	98.976	ug/l	99

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

