

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072418\
 Data File : VX003646.D
 Acq On : 24 Jul 2018 18:02
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 11:54:17 AM

Quant Time: Jul 25 04:20:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 03:58:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	107642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169741	114.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	228.10%	
35) Dibromofluoromethane	5.51	113	139647	100.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.80%	
50) Toluene-d8	8.72	98	546219	104.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.72%	
62) 4-Bromofluorobenzene	11.14	95	205742	107.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	125543	109.798	ug/l	99
3) Chloromethane	1.32	50	165730	115.661	ug/l	99
4) Vinyl Chloride	1.40	62	176532	113.327	ug/l	98
5) Bromomethane	1.64	94	86079	95.735	ug/l	94
6) Chloroethane	1.70	64	108133	114.861	ug/l	98
7) Trichlorofluoromethane	1.92	101	230521	110.375	ug/l	97
8) Diethyl Ether	2.19	74	100901	112.578	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137941	101.958	ug/l	99
10) Methyl Iodide	2.51	142	209208	127.295	ug/l	97
11) Tert butyl alcohol	3.09	59	211549	690.313	ug/l	99
12) 1,1-Dichloroethene	2.37	96	132962	106.547	ug/l	98
13) Acrolein	2.29	56	106959	733.358	ug/l	97
14) Allyl chloride	2.73	41	281861	123.283	ug/l	100
15) Acrylonitrile	3.15	53	489899	641.775	ug/l	100
16) Acetone	2.45	43	390226	670.712	ug/l	99
17) Carbon Disulfide	2.56	76	389494	104.848	ug/l	100
18) Methyl Acetate	2.78	43	239360	131.839	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	468855	113.241	ug/l	97
20) Methylene Chloride	2.86	84	154217	99.627	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	144698	104.141	ug/l	97
22) Diisopropyl ether	3.88	45	513568	119.944	ug/l	93
23) Vinyl Acetate	3.83	43	2241270	629.657	ug/l	100
24) 1,1-Dichloroethane	3.70	63	279889	113.165	ug/l	99
25) 2-Butanone	4.72	43	630783	656.175	ug/l	97
26) 2,2-Dichloropropane	4.58	77	182414	99.798	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	160124	104.223	ug/l	99
28) Bromochloromethane	5.02	49	106205	100.264	ug/l	98
29) Tetrahydrofuran	5.17	42	418110	654.581	ug/l	97
30) Chloroform	5.22	83	258368	108.085	ug/l	96
31) Cyclohexane	5.57	56	245877	112.515	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	224850	109.849	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202129	103.224	ug/l	100
37) Ethyl Acetate	4.88	43	238042	122.926	ug/l	99
38) Carbon Tetrachloride	5.79	117	200501	104.977	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237312	102.341	ug/l	100
40) Benzene	6.15	78	602350	101.462	ug/l	100
41) Methacrylonitrile	5.07	41	130667	115.294	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210894	110.653	ug/l	99
43) Isopropyl Acetate	6.48	43	364756	119.180	ug/l	99
44) Trichloroethene	7.21	130	157456	90.778	ug/l	99
45) 1,2-Dichloropropane	7.52	63	157411	104.091	ug/l	99
46) Dibromomethane	7.67	93	100996	104.103	ug/l	100
47) Bromodichloromethane	7.90	83	196460	110.177	ug/l	99
48) Methyl methacrylate	7.78	41	191974	124.205	ug/l	100
49) 1,4-Dioxane	7.76	88	86313	2477.245	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1256186	643.872	ug/l	100
52) Toluene	8.79	92	377742	101.598	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	244434	111.721	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	227025	115.072	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154345	103.745	ug/l	98
56) Ethyl methacrylate	9.19	69	253787	119.775	ug/l	99
57) 1,3-Dichloropropane	9.38	76	260133	107.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	622229	597.333	ug/l	99
59) 2-Hexanone	9.50	43	1002396	687.708	ug/l	100
60) Dibromochloromethane	9.59	129	159886	109.351	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163158	105.869	ug/l	100
64) Tetrachloroethene	9.34	164	152291	76.056	ug/l	97
65) Chlorobenzene	10.14	112	425459	96.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	152701	100.699	ug/l	100
67) Ethyl Benzene	10.26	91	742677	103.875	ug/l	100
68) m/p-Xylenes	10.36	106	575126	205.909	ug/l	100
69) o-Xylene	10.70	106	277695	102.982	ug/l	99
70) Styrene	10.71	104	477916	107.425	ug/l	100
71) Bromoform	10.86	173	130822	110.855	ug/l #	99
73) Isopropylbenzene	11.02	105	740904	99.233	ug/l	100
74) N-amyl acetate	6.48	43	364756	110.813	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	259209	114.379	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	218068m	109.605	ug/l	
77) Bromobenzene	11.26	156	195129	91.758	ug/l	100
78) n-propylbenzene	11.37	91	869396	103.964	ug/l	100
79) 2-Chlorotoluene	11.43	91	505350	99.621	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	640103	103.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	82422	131.344	ug/l	96
82) 4-Chlorotoluene	11.51	91	605938	101.764	ug/l	100
83) tert-Butylbenzene	11.77	119	627988	104.035	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	656937	104.495	ug/l	99
85) sec-Butylbenzene	11.95	105	743844	101.603	ug/l	100
86) p-Isopropyltoluene	12.07	119	673899	102.701	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	365425	93.040	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	369505	91.172	ug/l	100
89) n-Butylbenzene	12.39	91	609204	108.476	ug/l	100
90) Hexachloroethane	12.60	117	104444	110.919	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	371701	95.905	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59674	133.008	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276994	97.684	ug/l	100
94) Hexachlorobutadiene	13.79	225	121721	90.195	ug/l	99
95) Naphthalene	13.84	128	877360	114.917	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281452	99.696	ug/l	99

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

