

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\
 Data File : VX003393.D
 Acq On : 16 Jul 2018 12:14
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:32 PM

Quant Time: Jul 16 12:51:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:43:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	336882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	472780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272369	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	407183	101.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.94%	
35) Dibromofluoromethane	5.51	113	366217	105.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.48%	
50) Toluene-d8	8.72	98	1371708	110.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.72%	
62) 4-Bromofluorobenzene	11.14	95	510373	105.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	330180	109.84	ug/l	99
3) Chloromethane	1.32	50	336687	87.47	ug/l	98
4) Vinyl Chloride	1.40	62	372518	85.64	ug/l	99
5) Bromomethane	1.64	94	142064	57.73	ug/l	99
6) Chloroethane	1.70	64	238874	85.02	ug/l	98
7) Trichlorofluoromethane	1.92	101	478166	76.30	ug/l	98
8) Diethyl Ether	2.19	74	212229	76.47	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	305183	75.77	ug/l	97
10) Methyl Iodide	2.51	142	399997	97.78	ug/l	93
11) Tert butyl alcohol	3.10	59	419425	429.35	ug/l	100
12) 1,1-Dichloroethene	2.37	96	293638	78.51	ug/l	89
13) Acrolein	2.30	56	218214	563.58	ug/l	100
14) Allyl chloride	2.73	41	535420	74.64	ug/l	86
15) Acrylonitrile	3.16	53	964089	395.29	ug/l	97
16) Acetone	2.45	43	770175	407.27	ug/l #	89
17) Carbon Disulfide	2.56	76	805465	87.71	ug/l	98
18) Methyl Acetate	2.78	43	539118	91.82	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	982794	73.48	ug/l	99
20) Methylene Chloride	2.85	84	330420	72.45	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	310909	77.90	ug/l	94
22) Diisopropyl ether	3.88	45	1017955	76.23	ug/l	97
23) Vinyl Acetate	3.83	43	4279572	392.19	ug/l	96
24) 1,1-Dichloroethane	3.70	63	584323	77.18	ug/l	99
25) 2-Butanone	4.73	43	1240163	423.10	ug/l	92
26) 2,2-Dichloropropane	4.58	77	397566	74.19	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	344056	78.42	ug/l	86
28) Bromochloromethane	5.03	49	287117	83.24	ug/l	88
29) Tetrahydrofuran	5.18	42	800030	427.27	ug/l	91
30) Chloroform	5.22	83	553854	76.32	ug/l	98
31) Cyclohexane	5.57	56	480448	82.92	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	482468	79.80	ug/l	97
36) 1,1-Dichloropropene	5.80	75	414652	82.56	ug/l	97
37) Ethyl Acetate	4.88	43	458376	83.28	ug/l	96
38) Carbon Tetrachloride	5.78	117	430701	84.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	480457	84.50	ug/l	95
40) Benzene	6.15	78	1271784	80.85	ug/l	99
41) Methacrylonitrile	5.08	41	258859	82.10	ug/l	92
42) 1,2-Dichloroethane	6.21	62	419237	76.29	ug/l	95
43) Isopropyl Acetate	6.48	43	727941	84.40	ug/l #	93
44) Trichloroethene	7.22	130	360943	80.97	ug/l	99
45) 1,2-Dichloropropane	7.52	63	324818	77.84	ug/l	100
46) Dibromomethane	7.67	93	216873	80.83	ug/l	97
47) Bromodichloromethane	7.90	83	413571	81.76	ug/l	99
48) Methyl methacrylate	7.79	41	379322	86.16	ug/l	86
49) 1,4-Dioxane	7.77	88	170126	1770.90	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	2448798	434.33	ug/l	92
52) Toluene	8.79	92	799398	80.19	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	502258	84.53	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	465913	85.84	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	326588	78.49	ug/l	99
56) Ethyl methacrylate	9.19	69	503424	84.71	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	532956	79.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1286291	445.39	ug/l	97
59) 2-Hexanone	9.51	43	1913803	460.20	ug/l	89
60) Dibromochloromethane	9.59	129	349091	86.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	346762	82.65	ug/l	100
64) Tetrachloroethene	9.34	164	395035	83.48	ug/l	99
65) Chlorobenzene	10.15	112	904562	80.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	330623	83.34	ug/l	99
67) Ethyl Benzene	10.26	91	1526698	83.61	ug/l	100
68) m/p-Xylenes	10.37	106	1204687	171.27	ug/l	96
69) o-Xylene	10.70	106	591763	86.14	ug/l	96
70) Styrene	10.72	104	984747	85.30	ug/l	98
71) Bromoform	10.86	173	286981	94.49	ug/l	100
73) Isopropylbenzene	11.02	105	1602163	85.07	ug/l	99
74) N-amyl acetate	6.48	43	727941	83.39	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	505250	82.18	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	429347m	79.79	ug/l	
77) Bromobenzene	11.26	156	438461	82.39	ug/l	97
78) n-propylbenzene	11.37	91	1766145	82.97	ug/l	99
79) 2-Chlorotoluene	11.43	91	1054007	80.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1310644	83.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	154808	95.92	ug/l	87
82) 4-Chlorotoluene	11.52	91	1252991	81.79	ug/l	98
83) tert-Butylbenzene	11.77	119	1279152	82.78	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	1346313	85.03	ug/l	99
85) sec-Butylbenzene	11.95	105	1541764	83.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	1392863	84.30	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	783134	78.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	789749	78.29	ug/l	99
89) n-Butylbenzene	12.39	91	1214230	85.88	ug/l	98
90) Hexachloroethane	12.60	117	220188	88.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	810729	81.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	116809	95.81	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	570880	83.93	ug/l	99
94) Hexachlorobutadiene	13.79	225	268144	83.54	ug/l	99
95) Naphthalene	13.84	128	1722099	90.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	601930	87.68	ug/l	100

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

