

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003466.D
 Acq On : 19 Jul 2018 14:48
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:09 PM

Quant Time: Jul 19 15:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 15:12:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	360708	72.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.56%	
35) Dibromofluoromethane	5.51	113	337674	93.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.22%	
50) Toluene-d8	8.72	98	1285428	93.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.70%	
62) 4-Bromofluorobenzene	11.14	95	476740	91.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	258260	74.07	ug/l	98
3) Chloromethane	1.32	50	322913	77.86	ug/l	99
4) Vinyl Chloride	1.40	62	374840	87.10	ug/l	100
5) Bromomethane	1.64	94	163123	62.82	ug/l	99
6) Chloroethane	1.71	64	237904	83.87	ug/l	100
7) Trichlorofluoromethane	1.92	101	521584	74.60	ug/l	99
8) Diethyl Ether	2.19	74	223472	84.03	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	332153	84.98	ug/l	97
10) Methyl Iodide	2.51	142	467315	97.09	ug/l	93
11) Tert butyl alcohol	3.09	59	341880	331.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	317121	86.42	ug/l	91
13) Acrolein	2.29	56	167404	319.98	ug/l	100
14) Allyl chloride	2.73	41	569951	78.22	ug/l	86
15) Acrylonitrile	3.15	53	910912	404.61	ug/l	97
16) Acetone	2.45	43	687965	312.45	ug/l	92
17) Carbon Disulfide	2.56	76	911868	104.77	ug/l	99
18) Methyl Acetate	2.78	43	437742	74.62	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	1054580	76.61	ug/l	100
20) Methylene Chloride	2.86	84	355211	78.68	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	343901	86.39	ug/l	93
22) Diisopropyl ether	3.87	45	1058451	80.29	ug/l	97
23) Vinyl Acetate	3.83	43	4427471	401.29	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	613106	85.69	ug/l	99
25) 2-Butanone	4.71	43	1152883	398.70	ug/l	91
26) 2,2-Dichloropropane	4.58	77	482312	93.82	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	394770	97.46	ug/l	93
28) Bromochloromethane	5.03	49	269123	80.32	ug/l	83
29) Tetrahydrofuran	5.17	42	761799	401.98	ug/l	89
30) Chloroform	5.21	83	638257	92.51	ug/l	87
31) Cyclohexane	5.57	56	604910	102.69	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	544611	94.38	ug/l	97
36) 1,1-Dichloropropene	5.80	75	480160	100.03	ug/l	98
37) Ethyl Acetate	4.87	43	459993	84.67	ug/l #	94
38) Carbon Tetrachloride	5.78	117	491575	102.84	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	588746	104.92	ug/l	93
40) Benzene	6.15	78	1444835	100.38	ug/l	99
41) Methacrylonitrile	5.07	41	263533	85.91	ug/l	91
42) 1,2-Dichloroethane	6.20	62	450927	80.92	ug/l	94
43) Isopropyl Acetate	6.47	43	743274	82.57	ug/l #	91
44) Trichloroethene	7.21	130	431547	103.88	ug/l	100
45) 1,2-Dichloropropane	7.52	63	369051	97.42	ug/l	99
46) Dibromomethane	7.67	93	241399	95.27	ug/l	94
47) Bromodichloromethane	7.90	83	463882	103.79	ug/l	98
48) Methyl methacrylate	7.78	41	382934	83.25	ug/l #	82
49) 1,4-Dioxane	7.76	88	157530	1808.36	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	2351002	406.77	ug/l	90
52) Toluene	8.79	92	924747	100.72	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	583546	110.97	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	535827	110.00	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	370017	99.74	ug/l	97
56) Ethyl methacrylate	9.18	69	566341	99.20	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	601743	95.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1301002	471.14	ug/l	96
59) 2-Hexanone	9.50	43	1751389	402.14	ug/l	86
60) Dibromochloromethane	9.59	129	401326	112.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	389883	101.47	ug/l	99
64) Tetrachloroethene	9.34	164	485363	102.42	ug/l	98
65) Chlorobenzene	10.14	112	1065877	101.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	387688	108.46	ug/l	99
67) Ethyl Benzene	10.26	91	1784071	100.88	ug/l	99
68) m/p-Xylenes	10.36	106	1407101	206.27	ug/l	95
69) o-Xylene	10.70	106	685533	102.28	ug/l	94
70) Styrene	10.71	104	1149216	104.26	ug/l	97
71) Bromoform	10.86	173	328543	122.30	ug/l	99
73) Isopropylbenzene	11.02	105	1809742	102.05	ug/l	99
74) N-amyl acetate	6.47	43	743274	84.36	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	517756	98.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	455161m	90.97	ug/l	
77) Bromobenzene	11.26	156	506726	102.56	ug/l	95
78) n-propylbenzene	11.37	91	2032817	99.95	ug/l	98
79) 2-Chlorotoluene	11.43	91	1194442	98.36	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1510588	100.79	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	169610	128.24	ug/l #	85
82) 4-Chlorotoluene	11.51	91	1412245	98.56	ug/l	97
83) tert-Butylbenzene	11.77	119	1485806	102.91	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1546488	101.12	ug/l	96
85) sec-Butylbenzene	11.95	105	1790501	99.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	1637620	100.82	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	917879	101.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	924087	100.24	ug/l	99
89) n-Butylbenzene	12.39	91	1388007	96.86	ug/l	97
90) Hexachloroethane	12.60	117	249842	111.44	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	912338	100.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108960	99.33	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	683690	103.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	325288	93.30	ug/l	100
95) Naphthalene	13.83	128	1886721	105.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	675736	101.66	ug/l	100

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

