

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003364.D
 Acq On : 13 Jul 2018 13:18
 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
 7/16/2018 11:24:41 AM

Quant Time: Jul 13 14:46:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 13:46:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	434914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	310926	64.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.30%	
35) Dibromofluoromethane	5.51	113	293068	62.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.44%	
50) Toluene-d8	8.72	98	1002126	60.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.76%	
62) 4-Bromofluorobenzene	11.14	95	393204	64.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	223627	48.13	ug/l	98
3) Chloromethane	1.32	50	276080	65.36	ug/l	99
4) Vinyl Chloride	1.41	62	330785	76.29	ug/l	100
5) Bromomethane	1.64	94	129368	75.44	ug/l	98
6) Chloroethane	1.71	64	214742	89.39	ug/l	99
7) Trichlorofluoromethane	1.92	101	474599	73.64	ug/l	100
8) Diethyl Ether	2.19	74	215800	92.63	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	306097	81.12	ug/l	97
10) Methyl Iodide	2.51	142	372748	99.65	ug/l	93
11) Tert butyl alcohol	3.09	59	367465	421.43	ug/l	100
12) 1,1-Dichloroethene	2.37	96	281945	82.09	ug/l	90
13) Acrolein	2.29	56	132764	188.95	ug/l	100
14) Allyl chloride	2.73	41	546198	85.87	ug/l	87
15) Acrylonitrile	3.15	53	926800	476.01	ug/l	98
16) Acetone	2.45	43	711673	416.79	ug/l #	89
17) Carbon Disulfide	2.56	76	687380	72.03	ug/l	99
18) Methyl Acetate	2.78	43	459289	95.35	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	1038868	90.56	ug/l	100
20) Methylene Chloride	2.86	84	331477	85.91	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	303163	82.81	ug/l	94
22) Diisopropyl ether	3.88	45	1037547	80.17	ug/l	94
23) Vinyl Acetate	3.83	43	4263130	388.00	ug/l	95
24) 1,1-Dichloroethane	3.70	63	578191	85.84	ug/l	100
25) 2-Butanone	4.71	43	1157746	383.18	ug/l	92
26) 1,2-Dichloropropane	4.59	77	422881	71.78	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	360069	80.03	ug/l	91
28) Bromochloromethane	5.03	49	275986	81.32	ug/l	88
29) Tetrahydrofuran	5.17	42	755079	385.04	ug/l	92
30) Chloroform	5.22	83	582061	78.56	ug/l	97
31) Cyclohexane	5.57	56	480684	76.21	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	500038	76.50	ug/l	97
36) 1,1-Dichloropropene	5.80	75	419434	68.13	ug/l	98
37) Ethyl Acetate	4.87	43	446881	66.21	ug/l	96
38) Carbon Tetrachloride	5.78	117	442001	65.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	495593	68.33	ug/l	94
40) Benzene	6.15	78	1315078	72.08	ug/l	99
41) Methacrylonitrile	5.07	41	259966	70.35	ug/l	92
42) 1,2-Dichloroethane	6.20	62	435000	63.81	ug/l	95
43) Isopropyl Acetate	6.47	43	734734	69.32	ug/l	93
44) Trichloroethene	7.21	130	376988	69.87	ug/l	99
45) 1,2-Dichloropropane	7.52	63	353757	74.58	ug/l	100
46) Dibromomethane	7.67	93	226905	70.18	ug/l	96
47) Bromodichloromethane	7.90	83	445912	74.75	ug/l	99
48) Methyl methacrylate	7.78	41	379545	69.82	ug/l	85
49) 1,4-Dioxane	7.76	88	164939	1451.19	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	2400968	363.87	ug/l	92
52) Toluene	8.79	92	832633	72.19	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	541327	77.12	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	495436	77.55	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	342447	71.57	ug/l	98
56) Ethyl methacrylate	9.18	69	534610	81.58	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	555341	72.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1299999	411.23	ug/l	98
59) 2-Hexanone	9.50	43	1771979	353.56	ug/l	90
60) Dibromochloromethane	9.59	129	357924	71.64	ug/l	100
61) 1,2-Dibromoethane	9.68	107	348616	69.52	ug/l	100
64) Tetrachloroethene	9.34	164	381928	65.56	ug/l	99
65) Chlorobenzene	10.14	112	916299	69.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	340302	72.03	ug/l	99
67) Ethyl Benzene	10.26	91	1555366	73.45	ug/l	100
68) m/p-Xylenes	10.36	106	1211679	147.09	ug/l	97
69) o-Xylene	10.70	106	595741	74.65	ug/l	97
70) Styrene	10.71	104	1018112	78.67	ug/l	98
71) Bromoform	10.86	173	283805	73.01	ug/l	99
73) Isopropylbenzene	11.02	105	1585671	82.54	ug/l	100
74) N-amyl acetate	6.47	43	734734	80.17	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	502402	84.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	440280m	83.72	ug/l	
77) Bromobenzene	11.26	156	435896	78.58	ug/l	100
78) n-propylbenzene	11.37	91	1820158	85.21	ug/l	99
79) 2-Chlorotoluene	11.43	91	1074745	82.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1341852	83.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	155079	96.38	ug/l	89
82) 4-Chlorotoluene	11.51	91	1281439	84.34	ug/l	99
83) tert-Butylbenzene	11.77	119	1328473	83.13	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1370807	83.68	ug/l	97
85) sec-Butylbenzene	11.95	105	1586851	84.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	1438242	83.58	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	805098	79.12	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	820426	79.64	ug/l	99
89) n-Butylbenzene	12.39	91	1264321	87.94	ug/l	99
90) Hexachloroethane	12.60	117	227087	86.44	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	822742	80.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108994	85.25	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	577267	77.63	ug/l	100
94) Hexachlorobutadiene	13.79	225	265794	71.80	ug/l	99
95) Naphthalene	13.83	128	1697781	87.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	577991	77.94	ug/l	99

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

