

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101218\
 Data File : VX005284.D
 Acq On : 12 Oct 2018 10:05
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:30 AM

Quant Time: Oct 12 09:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 10:42:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	416057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203728	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151911	40.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.64%	
35) Dibromofluoromethane	5.50	113	129422	33.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.98%	
50) Toluene-d8	8.71	98	451325	35.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.70%	
62) 4-Bromofluorobenzene	11.14	95	166329	36.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	125877	45.961	ug/l	95
3) Chloromethane	1.32	50	162988	43.242	ug/l	93
4) Vinyl Chloride	1.40	62	158870	41.067	ug/l	95
5) Bromomethane	1.64	94	94490	51.184	ug/l	92
6) Chloroethane	1.71	64	100969	40.360	ug/l	100
7) Trichlorofluoromethane	1.92	101	219392	42.779	ug/l	89
8) Diethyl Ether	2.19	74	90884	39.529	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128947	39.635	ug/l	96
10) Methyl Iodide	2.51	142	145554	40.679	ug/l	100
11) Tert butyl alcohol	3.08	59	217971	242.429	ug/l	99
12) 1,1-Dichloroethene	2.37	96	124295	40.706	ug/l	94
13) Acrolein	2.29	56	149416	420.986	ug/l	96
14) Allyl chloride	2.72	41	280097	44.619	ug/l	94
15) Acrylonitrile	3.15	53	474807	219.293	ug/l	99
16) Acetone	2.45	43	454767	247.277	ug/l	94
17) Carbon Disulfide	2.57	76	365133	41.370	ug/l	98
18) Methyl Acetate	2.78	43	258993	50.195	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	446679	41.691	ug/l	97
20) Methylene Chloride	2.85	84	144282	38.244	ug/l	86
21) trans-1,2-Dichloroethene	3.16	96	131349	38.928	ug/l	97
22) Diisopropyl ether	3.87	45	480104	42.463	ug/l	89
23) Vinyl Acetate	3.82	43	2026002	221.432	ug/l	95
24) 1,1-Dichloroethane	3.69	63	253199	39.666	ug/l	98
25) 2-Butanone	4.71	43	692913	236.735	ug/l	97
26) 2,2-Dichloropropane	4.58	77	187505	42.768	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	143693	38.150	ug/l	97
28) Bromochloromethane	5.02	49	120653	41.322	ug/l	94
29) Tetrahydrofuran	5.15	42	456077	258.382	ug/l	89
30) Chloroform	5.21	83	244955	39.306	ug/l	96
31) Cyclohexane	5.57	56	228423	41.908	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	211938	42.225	ug/l	99
36) 1,1-Dichloropropene	5.80	75	193019	38.213	ug/l	98
37) Ethyl Acetate	4.87	43	244603	42.578	ug/l	98
38) Carbon Tetrachloride	5.78	117	191578	38.831	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	211454	40.116	ug/l	95
40) Benzene	6.15	78	598722	39.949	ug/l	95
41) Methacrylonitrile	5.06	41	133774	42.263	ug/l	94
42) 1,2-Dichloroethane	6.20	62	201880	40.614	ug/l	98
43) Isopropyl Acetate	6.47	43	336731	44.131	ug/l	96
44) Trichloroethene	7.21	130	146986	37.750	ug/l	91
45) 1,2-Dichloropropane	7.52	63	138881	38.511	ug/l	98
46) Dibromomethane	7.66	93	94424	41.446	ug/l	96
47) Bromodichloromethane	7.90	83	171953	39.911	ug/l	99
48) Methyl methacrylate	7.78	41	180362	47.762	ug/l	94
49) 1,4-Dioxane	7.76	88	80697	902.890	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1160631	215.540	ug/l	94
52) Toluene	8.79	92	323255	36.609	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	194852	38.716	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	208881	40.714	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	132020	34.724	ug/l	97
56) Ethyl methacrylate	9.18	69	206357	38.366	ug/l	95
57) 1,3-Dichloropropane	9.37	76	219516	35.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	578779	234.561	ug/l	95
59) 2-Hexanone	9.50	43	923333	223.552	ug/l	94
60) Dibromochloromethane	9.59	129	141658	39.577	ug/l	100
61) 1,2-Dibromoethane	9.67	107	139454	38.396	ug/l	98
64) Tetrachloroethene	9.34	164	140121	31.510	ug/l	98
65) Chlorobenzene	10.14	112	363855	41.127	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	134300	44.020	ug/l	98
67) Ethyl Benzene	10.26	91	621819	43.225	ug/l	99
68) m/p-Xylenes	10.36	106	489942	88.416	ug/l	95
69) o-Xylene	10.70	106	233551	43.840	ug/l	96
70) Styrene	10.71	104	395969	44.865	ug/l	97
71) Bromoform	10.86	173	117702	46.986	ug/l	98
73) Isopropylbenzene	11.02	105	635892	47.393	ug/l	99
74) N-amyl acetate	10.90	43	300110	53.141	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	216599	50.048	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	195162m	47.614	ug/l	
77) Bromobenzene	11.26	156	170961	46.099	ug/l	100
78) n-propylbenzene	11.36	91	725106	47.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	432793	46.256	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	547679	48.556	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	65265	50.754	ug/l	98
82) 4-Chlorotoluene	11.51	91	514176	47.084	ug/l	100
83) tert-Butylbenzene	11.77	119	539805	50.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	563317	48.915	ug/l	98
85) sec-Butylbenzene	11.94	105	650519	47.538	ug/l	99
86) p-Isopropyltoluene	12.07	119	593846	49.143	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318309	46.003	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320506	44.829	ug/l	99
89) n-Butylbenzene	12.39	91	525785	47.748	ug/l	97
90) Hexachloroethane	12.60	117	96204	49.730	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	320613	45.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53751	58.166	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246996	49.808	ug/l	98
94) Hexachlorobutadiene	13.79	225	123346	47.618	ug/l	96
95) Naphthalene	13.83	128	755790	54.340	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	251698	49.405	ug/l	99

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

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