

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004724.D
 Acq On : 26 Sep 2018 12:54
 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
 10/1/2018 1:30:59 PM

Quant Time: Sep 26 13:31:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 13:18:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	296834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	226631	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		
35) Dibromofluoromethane	5.50	113	191486	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		
50) Toluene-d8	8.72	98	570435	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		
62) 4-Bromofluorobenzene	11.14	95	205481	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	238179	50.000	ug/l	96
3) Chloromethane	1.32	50	262510	50.000	ug/l	99
4) Vinyl Chloride	1.40	62	246611	50.000	ug/l	99
5) Bromomethane	1.64	94	141705	50.000	ug/l	93
6) Chloroethane	1.71	64	134885	50.000	ug/l	98
7) Trichlorofluoromethane	1.92	101	315681	50.000	ug/l	99
8) Diethyl Ether	2.19	74	120185	50.000	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	157343	50.000	ug/l	97
10) Methyl Iodide	2.51	142	254851	50.000	ug/l	94
11) Tert butyl alcohol	3.08	59	300173	250.000	ug/l	99
12) 1,1-Dichloroethene	2.37	96	155665	50.000	ug/l	99
13) Acrolein	2.29	56	206242	250.000	ug/l	87
14) Allyl chloride	2.72	41	362497	50.000	ug/l	94
15) Acrylonitrile	3.15	53	683571	250.000	ug/l	98
16) Acetone	2.45	43	644775	250.000	ug/l	90
17) Carbon Disulfide	2.57	76	496799	50.000	ug/l	100
18) Methyl Acetate	2.78	43	313995	50.000	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	547386	50.000	ug/l	92
20) Methylene Chloride	2.85	84	204421	50.000	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	183113	50.000	ug/l	89
22) Diisopropyl ether	3.87	45	611098	50.000	ug/l	96
23) Vinyl Acetate	3.82	43	2898961	250.000	ug/l	97
24) 1,1-Dichloroethane	3.70	63	368219	50.000	ug/l	98
25) 2-Butanone	4.71	43	937380	250.000	ug/l	97
26) 2,2-Dichloropropane	4.58	77	244634	50.000	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	204232	50.000	ug/l	98
28) Bromochloromethane	5.02	49	161599	50.000	ug/l	93
29) Tetrahydrofuran	5.16	42	605483	250.000	ug/l	94
30) Chloroform	5.21	83	320234	50.000	ug/l	100
31) Cyclohexane	5.57	56	301691	50.000	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	273668	50.000	ug/l	95
36) 1,1-Dichloropropene	5.80	75	242970	50.000	ug/l	94
37) Ethyl Acetate	4.86	43	332063	50.000	ug/l	98
38) Carbon Tetrachloride	5.78	117	256230	50.000	ug/l	95

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39) Methylcyclohexane	7.46	83	249090	50.000	ug/l #	81
40) Benzene	6.14	78	748372	50.000	ug/l	95
41) Methacrylonitrile	5.06	41	191236	50.000	ug/l	94
42) 1,2-Dichloroethane	6.20	62	268551	50.000	ug/l	99
43) Isopropyl Acetate	6.46	43	511380	50.000	ug/l	93
44) Trichloroethene	7.21	130	174333	50.000	ug/l	97
45) 1,2-Dichloropropane	7.52	63	179045	50.000	ug/l	99
46) Dibromomethane	7.66	93	111612	50.000	ug/l	98
47) Bromodichloromethane	7.90	83	213725	50.000	ug/l	99
48) Methyl methacrylate	7.78	41	220638	50.000	ug/l	93
49) 1,4-Dioxane	7.76	88	110709	1000.000	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1512649	250.000	ug/l	95
52) Toluene	8.79	92	430232	50.000	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	269117	50.000	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	263464	50.000	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	187750	50.000	ug/l	96
56) Ethyl methacrylate	9.18	69	285769	50.000	ug/l	92
57) 1,3-Dichloropropane	9.37	76	321124	50.000	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	763762	250.000	ug/l	93
59) 2-Hexanone	9.50	43	1350450	250.000	ug/l	99
60) Dibromochloromethane	9.59	129	205131	50.000	ug/l	99
61) 1,2-Dibromoethane	9.67	107	213186	50.000	ug/l	95
64) Tetrachloroethene	9.34	164	192917	50.000	ug/l	94
65) Chlorobenzene	10.14	112	484159	50.000	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	169108	50.000	ug/l	99
67) Ethyl Benzene	10.26	91	774271	50.000	ug/l	98
68) m/p-Xylenes	10.37	106	633484	100.000	ug/l	100
69) o-Xylene	10.70	106	286576	50.000	ug/l	96
70) Styrene	10.71	104	490393	50.000	ug/l	97
71) Bromoform	10.86	173	151913	50.000	ug/l	97
73) Isopropylbenzene	11.02	105	764088	50.000	ug/l	99
74) N-amyl acetate	10.90	43	373217	50.000	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	274867	50.000	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251869m	50.000	ug/l	
77) Bromobenzene	11.26	156	207385	50.000	ug/l	98
78) n-propylbenzene	11.36	91	883539	50.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	530321	50.000	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	658055	50.000	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	83674	50.000	ug/l	100
82) 4-Chlorotoluene	11.51	91	630785	50.000	ug/l	100
83) tert-Butylbenzene	11.77	119	626118	50.000	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	677046	50.000	ug/l	99
85) sec-Butylbenzene	11.95	105	762002	50.000	ug/l	99
86) p-Isopropyltoluene	12.07	119	692511	50.000	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	384395	50.000	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	390162	50.000	ug/l	100
89) n-Butylbenzene	12.39	91	622974	50.000	ug/l	97
90) Hexachloroethane	12.60	117	103692	50.000	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	392640	50.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61889	50.000	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	288560	50.000	ug/l	99
94) Hexachlorobutadiene	13.79	225	138487	50.000	ug/l	97
95) Naphthalene	13.83	128	925561	50.000	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	297344	50.000	ug/l	99

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

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