

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004025.D
 Acq On : 14 Aug 2018 12:01
 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
 8/15/2018 4:49:52 PM

Quant Time: Aug 14 12:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 12:59:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	472260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277113	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	226275	53.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.96%	
35) Dibromofluoromethane	5.50	113	180012	50.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.62%	
50) Toluene-d8	8.72	98	738222	53.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.14	95	268380	59.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	119.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	157293	48.63	ug/l	99
3) Chloromethane	1.32	50	182929	41.57	ug/l	100
4) Vinyl Chloride	1.40	62	202374	46.11	ug/l	98
5) Bromomethane	1.64	94	102728	36.75	ug/l	97
6) Chloroethane	1.72	64	137844	49.09	ug/l	98
7) Trichlorofluoromethane	1.93	101	279367	48.21	ug/l	100
8) Diethyl Ether	2.18	74	120968	46.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	173674	47.95	ug/l	100
10) Methyl Iodide	2.51	142	181509	40.28	ug/l	99
11) Tert butyl alcohol	3.05	59	224341	220.64	ug/l	100
12) 1,1-Dichloroethene	2.37	96	163515	47.73	ug/l	96
13) Acrolein	2.29	56	151903	271.04	ug/l	99
14) Allyl chloride	2.73	41	307846	46.61	ug/l	97
15) Acrylonitrile	3.14	53	546580	225.29	ug/l	100
16) Acetone	2.44	43	557509	221.47	ug/l	99
17) Carbon Disulfide	2.57	76	460898	44.10	ug/l	99
18) Methyl Acetate	2.77	43	245852	44.85	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	570557	47.00	ug/l	100
20) Methylene Chloride	2.86	84	191535	31.38	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	182364	46.89	ug/l	99
22) Diisopropyl ether	3.87	45	599286	49.37	ug/l	98
23) Vinyl Acetate	3.82	43	2581218	255.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	340062	47.16	ug/l	100
25) 2-Butanone	4.70	43	925246	244.47	ug/l	100
26) 2,2-Dichloropropane	4.59	77	268815	51.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	204985	48.57	ug/l	98
28) Bromochloromethane	5.02	49	165351	53.58	ug/l	95
29) Tetrahydrofuran	5.15	42	467633	240.39	ug/l	98
30) Chloroform	5.22	83	332265	48.94	ug/l	98
31) Cyclohexane	5.58	56	296284	48.58	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	283746	49.84	ug/l	99
36) 1,1-Dichloropropene	5.80	75	258635	48.90	ug/l	100
37) Ethyl Acetate	4.85	43	281526	48.38	ug/l	100
38) Carbon Tetrachloride	5.79	117	254152	50.48	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	309868	49.69	ug/l	99
40) Benzene	6.15	78	787483	49.58	ug/l	100
41) Methacrylonitrile	5.06	41	154578	48.24	ug/l	100
42) 1,2-Dichloroethane	6.20	62	272175	50.68	ug/l	100
43) Isopropyl Acetate	6.46	43	425346	48.58	ug/l	100
44) Trichloroethene	7.21	130	212189	48.85	ug/l	93
45) 1,2-Dichloropropane	7.52	63	201294	49.08	ug/l	99
46) Dibromomethane	7.67	93	131307	49.31	ug/l	99
47) Bromodichloromethane	7.90	83	255434	50.92	ug/l	99
48) Methyl methacrylate	7.78	41	225373	50.64	ug/l	99
49) 1,4-Dioxane	7.76	88	101857	971.47	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1824797	251.43	ug/l	100
52) Toluene	8.79	92	508288	50.65	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	287467	50.70	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	314422	51.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	204283	49.81	ug/l	99
56) Ethyl methacrylate	9.18	69	306692	51.55	ug/l	99
57) 1,3-Dichloropropane	9.37	76	346120	50.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	796666	272.29	ug/l	99
59) 2-Hexanone	9.50	43	1395411	257.22	ug/l	100
60) Dibromochloromethane	9.59	129	206006	53.88	ug/l	100
61) 1,2-Dibromoethane	9.68	107	213384	51.97	ug/l	99
64) Tetrachloroethene	9.34	164	204451	46.01	ug/l	94
65) Chlorobenzene	10.14	112	556438	47.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	193574	47.91	ug/l	97
67) Ethyl Benzene	10.26	91	928685	48.27	ug/l	98
68) m/p-Xylenes	10.36	106	740734	98.53	ug/l	99
69) o-Xylene	10.70	106	364310	51.34	ug/l	95
70) Styrene	10.71	104	613515	52.80	ug/l	98
71) Bromoform	10.86	173	159266	52.71	ug/l	98
73) Isopropylbenzene	11.02	105	983302	47.97	ug/l	96
74) N-amyl acetate	6.46	43	425346	39.90	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	316994	45.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	279638m	45.69	ug/l	
77) Bromobenzene	11.26	156	256225	46.85	ug/l	100
78) n-propylbenzene	11.36	91	1130453	49.11	ug/l	99
79) 2-Chlorotoluene	11.42	91	655979	46.74	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	819010	49.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	94521	47.06	ug/l	99
82) 4-Chlorotoluene	11.51	91	780393	47.46	ug/l	99
83) tert-Butylbenzene	11.77	119	807919	49.13	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	852957	50.75	ug/l	100
85) sec-Butylbenzene	11.95	105	962640	49.60	ug/l	99
86) p-Isopropyltoluene	12.07	119	867675	49.82	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	479256	47.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	486315	46.37	ug/l	99
89) n-Butylbenzene	12.39	91	652432	42.99	ug/l	99
90) Hexachloroethane	12.60	117	120706	42.69	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	418324	41.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58116	40.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319423	44.32	ug/l	98
94) Hexachlorobutadiene	13.79	225	146615	43.43	ug/l	100
95) Naphthalene	13.83	128	992947	48.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	346733	48.21	ug/l	100

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

