

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008064.D
 Acq On : 14 Mar 2019 10:58
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:57 AM

Quant Time: Mar 14 14:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	465495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215133	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	155160	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	140978	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	543541	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	195629	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	128955	50.000	ug/l	98
3) Chloromethane	1.33	50	139827	50.000	ug/l	100
4) Vinyl Chloride	1.41	62	133482	50.000	ug/l	99
5) Bromomethane	1.64	94	67795	50.000	ug/l	99
6) Chloroethane	1.72	64	78384	50.000	ug/l	100
7) Trichlorofluoromethane	1.93	101	158219	50.000	ug/l	97
8) Diethyl Ether	2.20	74	85241	50.000	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	125656	50.000	ug/l	99
10) Methyl Iodide	2.51	142	198660	50.000	ug/l	98
11) Tert butyl alcohol	3.07	59	155552	250.000	ug/l	100
12) 1,1-Dichloroethene	2.38	96	120832	50.000	ug/l	95
13) Acrolein	2.30	56	143775	250.000	ug/l	99
14) Allyl chloride	2.73	41	221672	50.000	ug/l	98
15) Acrylonitrile	3.15	53	377969	250.000	ug/l	99
16) Acetone	2.45	43	366692	250.000	ug/l	97
17) Carbon Disulfide	2.57	76	360500	50.000	ug/l	99
18) Methyl Acetate	2.78	43	166077	50.000	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	404994	50.000	ug/l	97
20) Methylene Chloride	2.86	84	132617	50.000	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	129035	50.000	ug/l	96
22) Diisopropyl ether	3.87	45	443678	50.000	ug/l	99
23) Vinyl Acetate	3.82	43	1938776	250.000	ug/l	98
24) 1,1-Dichloroethane	3.70	63	243865	50.000	ug/l	100
25) 2-Butanone	4.70	43	583429	250.000	ug/l	98
26) 2,2-Dichloropropane	4.59	77	182251	50.000	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	151403	50.000	ug/l	98
28) Bromochloromethane	5.02	49	117371	50.000	ug/l	94
29) Tetrahydrofuran	5.15	42	370362	250.000	ug/l	97
30) Chloroform	5.21	83	238467	50.000	ug/l	98
31) Cyclohexane	5.58	56	231712	50.000	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	208535	50.000	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185845	50.000	ug/l	99
37) Ethyl Acetate	4.85	43	205627	50.000	ug/l	98
38) Carbon Tetrachloride	5.79	117	183695	50.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241928	50.000	ug/l	100
40) Benzene	6.14	78	570441	50.000	ug/l	99
41) Methacrylonitrile	5.06	41	117255	50.000	ug/l	99
42) 1,2-Dichloroethane	6.20	62	182303	50.000	ug/l	100
43) Isopropyl Acetate	6.46	43	330667	50.000	ug/l	99
44) Trichloroethene	7.21	130	162476	50.000	ug/l	98
45) 1,2-Dichloropropane	7.52	63	152071	50.000	ug/l	99
46) Dibromomethane	7.66	93	96296	50.000	ug/l	98
47) Bromodichloromethane	7.90	83	182569	50.000	ug/l	99
48) Methyl methacrylate	7.77	41	176936	50.000	ug/l	98
49) 1,4-Dioxane	7.75	88	73405	1000.000	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1084500	250.000	ug/l	98
52) Toluene	8.78	92	365604	50.000	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	207963	50.000	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	231434	50.000	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	147369	50.000	ug/l	99
56) Ethyl methacrylate	9.18	69	226466	50.000	ug/l	97
57) 1,3-Dichloropropane	9.37	76	243097	50.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	660653	250.000	ug/l	98
59) 2-Hexanone	9.49	43	834260	250.000	ug/l	98
60) Dibromochloromethane	9.58	129	158322	50.000	ug/l	99
61) 1,2-Dibromoethane	9.67	107	159561	50.000	ug/l	99
64) Tetrachloroethene	9.34	164	165032	50.000	ug/l	99
65) Chlorobenzene	10.14	112	406248	50.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	150244	50.000	ug/l	100
67) Ethyl Benzene	10.25	91	688378	50.000	ug/l	100
68) m/p-Xylenes	10.36	106	530402	100.000	ug/l	100
69) o-Xylene	10.69	106	257676	50.000	ug/l	99
70) Styrene	10.71	104	426503	50.000	ug/l	100
71) Bromoform	10.86	173	126759	50.000	ug/l	# 100
73) Isopropylbenzene	11.02	105	686850	50.000	ug/l	100
74) N-amyl acetate	10.90	43	287354	50.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	214126	50.000	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	180961m	50.000	ug/l	
77) Bromobenzene	11.26	156	183653	50.000	ug/l	98
78) n-propylbenzene	11.36	91	767879	50.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	453394	50.000	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	570325	50.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68180	50.000	ug/l	97
82) 4-Chlorotoluene	11.51	91	516934	50.000	ug/l	99
83) tert-Butylbenzene	11.77	119	558981	50.000	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	586392	50.000	ug/l	100
85) sec-Butylbenzene	11.94	105	683439	50.000	ug/l	100
86) p-Isopropyltoluene	12.06	119	619781	50.000	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	325167	50.000	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	324158	50.000	ug/l	100
89) n-Butylbenzene	12.38	91	516991	50.000	ug/l	99
90) Hexachloroethane	12.60	117	99578	50.000	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	318587	50.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47284	50.000	ug/l	97

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93) 1,2,4-Trichlorobenzene	13.65	180	229086	50.000	ug/l	99
94) Hexachlorobutadiene	13.78	225	124869	50.000	ug/l	100
95) Naphthalene	13.83	128	677854	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	228396	50.000	ug/l	99

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

