

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008844.D
 Acq On : 11 Apr 2019 07:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:28 AM

Quant Time: Apr 11 09:10:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 11 08:05:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	156836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113228	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110345	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.49	113	81572	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
50) Toluene-d8	8.71	98	331186	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	121553	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	74040	41.012	ug/l	99
3) Chloromethane	1.32	50	113258	51.232	ug/l	100
4) Vinyl Chloride	1.41	62	102114	41.842	ug/l	99
5) Bromomethane	1.64	94	52110	43.596	ug/l	100
6) Chloroethane	1.71	64	63606	47.577	ug/l	100
7) Trichlorofluoromethane	1.92	101	117895	43.702	ug/l	98
8) Diethyl Ether	2.18	74	57083	44.620	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75238	43.318	ug/l	98
10) Methyl Iodide	2.51	142	84988	53.428	ug/l	100
11) Tert butyl alcohol	3.06	59	132243	246.933	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79177	43.668	ug/l	97
13) Acrolein	2.29	56	105597	397.653	ug/l	97
14) Allyl chloride	2.73	41	184200	44.377	ug/l	98
15) Acrylonitrile	3.14	53	337557	237.926	ug/l	100
16) Acetone	2.45	43	288992	219.339	ug/l	100
17) Carbon Disulfide	2.57	76	222612	42.404	ug/l	99
18) Methyl Acetate	2.78	43	159652	49.962	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	314316	48.541	ug/l	100
20) Methylene Chloride	2.85	84	100994	45.793	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	85552	43.622	ug/l	95
22) Diisopropyl ether	3.85	45	379708	47.462	ug/l	95
23) Vinyl Acetate	3.81	43	1664456	239.156	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183451	46.314	ug/l	100
25) 2-Butanone	4.67	43	496372	238.361	ug/l	100
26) 2,2-Dichloropropane	4.58	77	87755	31.455	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	102276	45.358	ug/l	96
28) Bromochloromethane	5.01	49	94932	57.850	ug/l	100
29) Tetrahydrofuran	5.13	42	327010	236.593	ug/l	99
30) Chloroform	5.21	83	165865	46.883	ug/l	98
31) Cyclohexane	5.58	56	171835	43.476	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	134591	47.078	ug/l	100
36) 1,1-Dichloropropene	5.80	75	126613	43.471	ug/l	100
37) Ethyl Acetate	4.83	43	186143	47.880	ug/l	100
38) Carbon Tetrachloride	5.78	117	111553	46.276	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147468	40.986	ug/l	98
40) Benzene	6.14	78	395510	45.582	ug/l	99
41) Methacrylonitrile	5.04	41	105696	47.298	ug/l	99
42) 1,2-Dichloroethane	6.19	62	142181	45.708	ug/l	100
43) Isopropyl Acetate	6.45	43	296442	48.677	ug/l	100
44) Trichloroethene	7.21	130	92299	45.672	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112636	45.480	ug/l	100
46) Dibromomethane	7.66	93	64029	44.577	ug/l	97
47) Bromodichloromethane	7.90	83	129001	47.632	ug/l	100
48) Methyl methacrylate	7.77	41	150563	48.874	ug/l	99
49) 1,4-Dioxane	7.74	88	55121	955.151	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	979452	249.836	ug/l	100
52) Toluene	8.78	92	239713	46.860	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	141717	46.714	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	156369	45.109	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98879	48.154	ug/l	99
56) Ethyl methacrylate	9.18	69	187534	50.477	ug/l	99
57) 1,3-Dichloropropane	9.37	76	173846	47.149	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	464882	245.052	ug/l	99
59) 2-Hexanone	9.49	43	736929	241.877	ug/l	100
60) Dibromochloromethane	9.58	129	96154	49.693	ug/l	100
61) 1,2-Dibromoethane	9.67	107	100431	46.982	ug/l	99
64) Tetrachloroethene	9.34	164	81803	45.572	ug/l	98
65) Chlorobenzene	10.13	112	247266	46.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88771	47.116	ug/l	99
67) Ethyl Benzene	10.25	91	458512	45.786	ug/l	99
68) m/p-Xylenes	10.36	106	330657	91.832	ug/l	99
69) o-Xylene	10.69	106	163667	46.903	ug/l	99
70) Styrene	10.71	104	288556	47.973	ug/l	99
71) Bromoform	10.85	173	71789	49.889	ug/l	# 98
73) Isopropylbenzene	11.02	105	432817	46.125	ug/l	100
74) N-amyl acetate	10.90	43	263937	47.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158613	44.446	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137436m	44.185	ug/l	
77) Bromobenzene	11.26	156	105104	46.593	ug/l	98
78) n-propylbenzene	11.36	91	497208	45.507	ug/l	99
79) 2-Chlorotoluene	11.42	91	298104	45.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361771	45.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47770	42.334	ug/l	97
82) 4-Chlorotoluene	11.51	91	342106	44.700	ug/l	99
83) tert-Butylbenzene	11.77	119	343864	45.377	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	365255	45.796	ug/l	99
85) sec-Butylbenzene	11.94	105	413702	45.960	ug/l	99
86) p-Isopropyltoluene	12.06	119	370741	45.889	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184417	45.666	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182543	44.639	ug/l	100
89) n-Butylbenzene	12.38	91	338658	44.698	ug/l	100
90) Hexachloroethane	12.60	117	63196	47.162	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	183853	45.853	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35017	44.605	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	128384	46.051	ug/l	99
94) Hexachlorobutadiene	13.78	225	61380	45.908	ug/l	100
95) Naphthalene	13.83	128	438573	47.069	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129623	46.536	ug/l	99

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

