

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009273.D
 Acq On : 02 May 2019 14:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:19:56 AM

Quant Time: May 03 02:57:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122535	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.49	113	91181	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.71	98	376430	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	138372	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79545	47.052	ug/l	99
3) Chloromethane	1.32	50	107945	46.768	ug/l	100
4) Vinyl Chloride	1.40	62	105340	46.804	ug/l	97
5) Bromomethane	1.64	94	59834	44.292	ug/l	94
6) Chloroethane	1.71	64	65854	45.573	ug/l	97
7) Trichlorofluoromethane	1.92	101	131083	47.913	ug/l	99
8) Diethyl Ether	2.18	74	61062	47.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82073	47.772	ug/l	99
10) Methyl Iodide	2.51	142	89428	45.278	ug/l	99
11) Tert butyl alcohol	3.06	59	139054	239.867	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80752	46.912	ug/l	99
13) Acrolein	2.29	56	101736	193.781	ug/l	98
14) Allyl chloride	2.72	41	193045	46.018	ug/l	99
15) Acrylonitrile	3.14	53	330856	233.418	ug/l	99
16) Acetone	2.45	43	299721	222.878	ug/l	97
17) Carbon Disulfide	2.56	76	216965	44.894	ug/l	99
18) Methyl Acetate	2.77	43	152113	47.563	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	316773	47.389	ug/l	100
20) Methylene Chloride	2.85	84	98906	45.424	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	87445	46.842	ug/l	99
22) Diisopropyl ether	3.85	45	383121	47.490	ug/l	98
23) Vinyl Acetate	3.81	43	1677535	242.831	ug/l	100
24) 1,1-Dichloroethane	3.69	63	182874	45.951	ug/l	98
25) 2-Butanone	4.67	43	497355	237.999	ug/l	99
26) 2,2-Dichloropropane	4.58	77	137912	46.556	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103905	46.630	ug/l	99
28) Bromochloromethane	5.01	49	77489	48.274	ug/l	99
29) Tetrahydrofuran	5.13	42	322746	240.006	ug/l	100
30) Chloroform	5.21	83	169888	47.198	ug/l	97
31) Cyclohexane	5.57	56	178501	48.209	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	140899	47.023	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129835	48.469	ug/l	100
37) Ethyl Acetate	4.83	43	184187	49.350	ug/l	99
38) Carbon Tetrachloride	5.78	117	117592	48.317	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161697	49.152	ug/l	98
40) Benzene	6.13	78	397437	47.941	ug/l	100
41) Methacrylonitrile	5.04	41	104867	47.202	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143112	48.124	ug/l	100
43) Isopropyl Acetate	6.44	43	292420	48.982	ug/l	100
44) Trichloroethene	7.21	130	95624	47.713	ug/l	93
45) 1,2-Dichloropropane	7.51	63	113616	48.400	ug/l	97
46) Dibromomethane	7.66	93	64193	47.091	ug/l	99
47) Bromodichloromethane	7.90	83	132012	48.549	ug/l	97
48) Methyl methacrylate	7.77	41	148507	50.141	ug/l	99
49) 1,4-Dioxane	7.74	88	58440	972.942	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	967724	248.003	ug/l	100
52) Toluene	8.78	92	243720	48.363	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	154178	50.221	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	170381	50.142	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	100833	49.045	ug/l	98
56) Ethyl methacrylate	9.18	69	185258	50.480	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175561	48.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	490389	251.884	ug/l	100
59) 2-Hexanone	9.49	43	771457	251.729	ug/l	100
60) Dibromochloromethane	9.58	129	99546	49.575	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102346	49.316	ug/l	100
64) Tetrachloroethene	9.34	164	90627	50.184	ug/l	99
65) Chlorobenzene	10.13	112	254702	48.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94113	49.291	ug/l	99
67) Ethyl Benzene	10.25	91	470615	48.555	ug/l	99
68) m/p-Xylenes	10.36	106	349167	98.581	ug/l	98
69) o-Xylene	10.69	106	169861	48.606	ug/l	99
70) Styrene	10.71	104	304070	50.061	ug/l	100
71) Bromoform	10.85	173	76793	49.492	ug/l #	99
73) Isopropylbenzene	11.02	105	460850	47.688	ug/l	100
74) N-amyl acetate	10.90	43	273071	48.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	169859	47.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148602m	48.206	ug/l	
77) Bromobenzene	11.26	156	112763	47.012	ug/l	99
78) n-propylbenzene	11.36	91	533846	48.371	ug/l	100
79) 2-Chlorotoluene	11.42	91	314522	46.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	392033	48.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58114	48.236	ug/l	98
82) 4-Chlorotoluene	11.51	91	368270	47.876	ug/l	99
83) tert-Butylbenzene	11.77	119	375456	47.432	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	395864	48.468	ug/l	99
85) sec-Butylbenzene	11.94	105	459020	48.912	ug/l	100
86) p-Isopropyltoluene	12.06	119	420476	49.839	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205307	48.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207474	48.127	ug/l	100
89) n-Butylbenzene	12.38	91	387952	50.877	ug/l	100
90) Hexachloroethane	12.59	117	69146	48.107	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	209537	48.112	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38399	47.515	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	151655	50.921	ug/l	99
94) Hexachlorobutadiene	13.78	225	77029	50.648	ug/l	99
95) Naphthalene	13.83	128	482983	49.846	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150900	49.984	ug/l	99

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

