

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051719\
 Data File : VX009713.D
 Acq On : 18 May 2019 12:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 10:46:49 AM

Quant Time: May 20 04:55:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	127403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	215709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	197115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	94215	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	5.49	113	69368	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.71	98	266745	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	100902	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51336	43.726	ug/l	96
3) Chloromethane	1.32	50	81961	51.134	ug/l	100
4) Vinyl Chloride	1.41	62	79381	50.788	ug/l	98
5) Bromomethane	1.64	94	44412	47.341	ug/l	99
6) Chloroethane	1.71	64	53872	53.684	ug/l	97
7) Trichlorofluoromethane	1.92	101	100340	52.813	ug/l	98
8) Diethyl Ether	2.19	74	50409	56.013	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58629	49.141	ug/l	99
10) Methyl Iodide	2.51	142	65443	47.466	ug/l	98
11) Tert butyl alcohol	3.06	59	120291	298.798	ug/l	100
12) 1,1-Dichloroethene	2.37	96	62932	52.645	ug/l	100
13) Acrolein	2.29	56	90624	248.563	ug/l	99
14) Allyl chloride	2.73	41	146065	50.139	ug/l	99
15) Acrylonitrile	3.14	53	293583	298.252	ug/l	99
16) Acetone	2.45	43	261778	280.311	ug/l	96
17) Carbon Disulfide	2.56	76	155187	46.239	ug/l	100
18) Methyl Acetate	2.78	43	134713	60.655	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	267232	57.567	ug/l	99
20) Methylene Chloride	2.85	84	80731	53.390	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	66619	51.387	ug/l	99
22) Diisopropyl ether	3.85	45	327719	58.496	ug/l	98
23) Vinyl Acetate	3.81	43	1391890	290.132	ug/l	99
24) 1,1-Dichloroethane	3.70	63	153890	55.681	ug/l	99
25) 2-Butanone	4.67	43	436761	300.960	ug/l	97
26) 2,2-Dichloropropane	4.58	77	46940	22.818	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	83537	53.984	ug/l	95
28) Bromochloromethane	5.01	49	57115	51.415	ug/l	98
29) Tetrahydrofuran	5.13	42	287337	307.688	ug/l	98
30) Chloroform	5.21	83	142250	56.908	ug/l	100
31) Cyclohexane	5.58	56	131582	51.173	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	114867	55.202	ug/l	99
36) 1,1-Dichloropropene	5.80	75	100827	50.297	ug/l	99
37) Ethyl Acetate	4.84	43	162497	58.180	ug/l	99
38) Carbon Tetrachloride	5.78	117	93024	51.075	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110682	44.959	ug/l	98
40) Benzene	6.14	78	322131	51.924	ug/l	98
41) Methacrylonitrile	5.04	41	94079	56.586	ug/l	99
42) 1,2-Dichloroethane	6.19	62	124153	55.788	ug/l	98
43) Isopropyl Acetate	6.45	43	256768	57.474	ug/l	99
44) Trichloroethene	7.21	130	75939	50.632	ug/l	97
45) 1,2-Dichloropropane	7.51	63	94643	53.875	ug/l	100
46) Dibromomethane	7.66	93	55018	53.932	ug/l	100
47) Bromodichloromethane	7.90	83	109998	54.056	ug/l	99
48) Methyl methacrylate	7.77	41	130541	58.896	ug/l	98
49) 1,4-Dioxane	7.74	88	47913	1065.921	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	885804	303.346	ug/l	99
52) Toluene	8.78	92	195763	51.910	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	112079	48.785	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	122466	48.160	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	84615	54.997	ug/l	97
56) Ethyl methacrylate	9.18	69	156658	57.042	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148091	54.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	331657	227.638	ug/l	100
59) 2-Hexanone	9.49	43	678484	295.840	ug/l	98
60) Dibromochloromethane	9.58	129	83243	55.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85423	55.003	ug/l	99
64) Tetrachloroethene	9.34	164	75646	55.946	ug/l	98
65) Chlorobenzene	10.13	112	205558	52.130	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	78421	54.856	ug/l	99
67) Ethyl Benzene	10.25	91	377167	51.973	ug/l	100
68) m/p-Xylenes	10.36	106	275622	103.933	ug/l	98
69) o-Xylene	10.69	106	137565	52.576	ug/l	99
70) Styrene	10.71	104	246103	54.116	ug/l	99
71) Bromoform	10.85	173	65795	56.635	ug/l	99
73) Isopropylbenzene	11.02	105	366857	51.366	ug/l	99
74) N-amyl acetate	10.90	43	234524	56.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	144384	54.230	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	120963m	53.095	ug/l	
77) Bromobenzene	11.26	156	91785	51.777	ug/l	98
78) n-propylbenzene	11.36	91	415915	50.991	ug/l	100
79) 2-Chlorotoluene	11.42	91	254557	50.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	310810	51.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36587	41.090	ug/l	96
82) 4-Chlorotoluene	11.51	91	290466	51.094	ug/l	100
83) tert-Butylbenzene	11.77	119	292412	49.985	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	314594	52.118	ug/l	99
85) sec-Butylbenzene	11.94	105	351743	50.715	ug/l	100
86) p-Isopropyltoluene	12.06	119	316376	50.741	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	162169	51.317	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	162942	51.143	ug/l	100
89) n-Butylbenzene	12.38	91	274323	48.677	ug/l	100
90) Hexachloroethane	12.60	117	54617	51.416	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	166234	51.646	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32859	55.016	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	113363	51.503	ug/l	98
94) Hexachlorobutadiene	13.78	225	54553	48.534	ug/l	99
95) Naphthalene	13.83	128	387985	54.180	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116732	52.319	ug/l	99

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

