

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007348.D
 Acq On : 01 Feb 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:51 AM

Quant Time: Feb 02 04:18:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	481838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	709379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	251297	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.50	113	228967	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	860675	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	308622	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	303083	51.184	ug/l	97
3) Chloromethane	1.33	50	275183	50.704	ug/l	98
4) Vinyl Chloride	1.41	62	290497	54.561	ug/l	99
5) Bromomethane	1.64	94	285428	54.259	ug/l	99
6) Chloroethane	1.71	64	175450	50.940	ug/l	96
7) Trichlorofluoromethane	1.93	101	430313	51.665	ug/l	98
8) Diethyl Ether	2.19	74	155561	49.622	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	238996	48.240	ug/l	99
10) Methyl Iodide	2.51	142	375331	51.499	ug/l	100
11) Tert butyl alcohol	3.08	59	290002	273.997	ug/l	99
12) 1,1-Dichloroethene	2.37	96	227225	49.391	ug/l	98
13) Acrolein	2.30	56	176716	356.054	ug/l	99
14) Allyl chloride	2.73	41	388592	51.839	ug/l	99
15) Acrylonitrile	3.15	53	689013	263.153	ug/l	100
16) Acetone	2.45	43	595946	254.381	ug/l	99
17) Carbon Disulfide	2.57	76	616114	51.163	ug/l	100
18) Methyl Acetate	2.78	43	338983	55.469	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	759778	50.976	ug/l	98
20) Methylene Chloride	2.86	84	253720	53.046	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	243991	49.786	ug/l	98
22) Diisopropyl ether	3.87	45	701387	50.868	ug/l	97
23) Vinyl Acetate	3.82	43	2996172	261.856	ug/l	99
24) 1,1-Dichloroethane	3.70	63	387340	48.916	ug/l	99
25) 2-Butanone	4.70	43	870113	260.982	ug/l	98
26) 2,2-Dichloropropane	4.59	77	266247	44.151	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	258398	48.273	ug/l	98
28) Bromochloromethane	5.02	49	178809	49.104	ug/l	96
29) Tetrahydrofuran	5.15	42	566488	270.161	ug/l	100
30) Chloroform	5.21	83	409853	49.602	ug/l	100
31) Cyclohexane	5.57	56	348485	49.001	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	361361	51.811	ug/l	98
36) 1,1-Dichloropropene	5.80	75	303683	47.713	ug/l	99
37) Ethyl Acetate	4.85	43	326997	50.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	314096	50.867	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373987	48.565	ug/l	100
40) Benzene	6.14	78	926291	49.405	ug/l	99
41) Methacrylonitrile	5.06	41	182747	52.996	ug/l	98
42) 1,2-Dichloroethane	6.20	62	315468	48.631	ug/l	99
43) Isopropyl Acetate	6.46	43	522484	52.611	ug/l	99
44) Trichloroethene	7.21	130	271039	47.999	ug/l	96
45) 1,2-Dichloropropane	7.51	63	234539	49.928	ug/l	99
46) Dibromomethane	7.66	93	165427	48.452	ug/l	99
47) Bromodichloromethane	7.90	83	299354	51.735	ug/l	100
48) Methyl methacrylate	7.77	41	269348	54.222	ug/l	100
49) 1,4-Dioxane	7.75	88	123806	1095.264	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1737168	265.717	ug/l	100
52) Toluene	8.79	92	598455	49.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	328005	52.773	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	360205	52.700	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	246430	48.872	ug/l	98
56) Ethyl methacrylate	9.18	69	370718	53.083	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400409	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	929508	252.515	ug/l	99
59) 2-Hexanone	9.49	43	1316668	258.810	ug/l	100
60) Dibromochloromethane	9.59	129	263026	55.155	ug/l	97
61) 1,2-Dibromoethane	9.67	107	271442	50.833	ug/l	99
64) Tetrachloroethene	9.34	164	278402	44.731	ug/l	98
65) Chlorobenzene	10.14	112	690535	47.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	248972	51.534	ug/l	98
67) Ethyl Benzene	10.25	91	1151006	49.601	ug/l	99
68) m/p-Xylenes	10.36	106	911394	98.802	ug/l	99
69) o-Xylene	10.70	106	439172	49.477	ug/l	98
70) Styrene	10.71	104	720010	50.017	ug/l	99
71) Bromoform	10.86	173	201931	47.844	ug/l #	100
73) Isopropylbenzene	11.02	105	1167966	49.876	ug/l	99
74) N-amyl acetate	10.90	43	469250	51.808	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	354717	49.703	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	341828m	50.997	ug/l	
77) Bromobenzene	11.26	156	316944	48.037	ug/l	97
78) n-propylbenzene	11.36	91	1318900	51.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	764744	49.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	968923	50.575	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99885	46.393	ug/l	96
82) 4-Chlorotoluene	11.51	91	895853	49.689	ug/l	99
83) tert-Butylbenzene	11.77	119	952409	50.212	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	985776	50.682	ug/l	99
85) sec-Butylbenzene	11.94	105	1163712	50.691	ug/l	100
86) p-Isopropyltoluene	12.06	119	1050175	50.676	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	564213	47.649	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	562849	46.852	ug/l	100
89) n-Butylbenzene	12.38	91	891784	50.024	ug/l	100
90) Hexachloroethane	12.60	117	164876	53.160	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	555587	47.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78407	52.837	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	380600	47.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	180863	46.869	ug/l	97
95) Naphthalene	13.83	128	1183686	50.933	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	382222	47.781	ug/l	99

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

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