

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007365.D
 Acq On : 05 Feb 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/6/2019 9:29:33 AM

Quant Time: Feb 06 00:29:47 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	5.66	168	500148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	716018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	668334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	357823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	255597	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.50	113	231102	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	881401	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	321715	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	344849	56.088	ug/l	96
3) Chloromethane	1.33	50	295548	52.463	ug/l	100
4) Vinyl Chloride	1.41	62	307693	55.675	ug/l	100
5) Bromomethane	1.64	94	301153	55.161	ug/l	99
6) Chloroethane	1.72	64	188549	52.739	ug/l	97
7) Trichlorofluoromethane	1.93	101	470592	54.432	ug/l	98
8) Diethyl Ether	2.19	74	169699	52.150	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	275020	53.479	ug/l	98
10) Methyl Iodide	2.51	142	415014	54.859	ug/l	100
11) Tert butyl alcohol	3.07	59	292670	266.395	ug/l	99
12) 1,1-Dichloroethene	2.37	96	246059	51.526	ug/l	97
13) Acrolein	2.29	56	143876	279.274	ug/l	100
14) Allyl chloride	2.73	41	419543	53.919	ug/l	99
15) Acrylonitrile	3.15	53	725826	267.065	ug/l	99
16) Acetone	2.45	43	725847	298.486	ug/l	99
17) Carbon Disulfide	2.57	76	654905	52.342	ug/l	99
18) Methyl Acetate	2.78	43	363440	57.274	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	811201	52.434	ug/l	97
20) Methylene Chloride	2.85	84	276018	55.614	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	263173	51.734	ug/l	99
22) Diisopropyl ether	3.87	45	771535	53.906	ug/l	98
23) Vinyl Acetate	3.82	43	3341849	281.375	ug/l	100
24) 1,1-Dichloroethane	3.70	63	460344	56.008	ug/l	99
25) 2-Butanone	4.70	43	971084	280.604	ug/l	98
26) 2,2-Dichloropropane	4.59	77	352029	56.239	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	280765	50.531	ug/l	98
28) Bromochloromethane	5.01	49	187475	49.599	ug/l	99
29) Tetrahydrofuran	5.15	42	614223	282.202	ug/l	99
30) Chloroform	5.21	83	460396	53.679	ug/l	99
31) Cyclohexane	5.57	56	397638	53.865	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	405189	55.968	ug/l	99
36) 1,1-Dichloropropene	5.80	75	347048	54.020	ug/l	98
37) Ethyl Acetate	4.85	43	354345	54.563	ug/l	100
38) Carbon Tetrachloride	5.78	117	364933	58.552	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	439927	56.598	ug/l	98
40) Benzene	6.14	78	1025266	54.177	ug/l	100
41) Methacrylonitrile	5.06	41	198948	57.159	ug/l	99
42) 1,2-Dichloroethane	6.20	62	347921	53.136	ug/l	100
43) Isopropyl Acetate	6.45	43	570905	56.954	ug/l	100
44) Trichloroethene	7.21	130	308293	54.090	ug/l	97
45) 1,2-Dichloropropane	7.51	63	258748	54.570	ug/l	98
46) Dibromomethane	7.66	93	181697	52.724	ug/l	99
47) Bromodichloromethane	7.90	83	337588	57.801	ug/l	99
48) Methyl methacrylate	7.77	41	295073	58.850	ug/l	100
49) 1,4-Dioxane	7.75	88	133397	1168.706	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1886914	285.946	ug/l	100
52) Toluene	8.78	92	668016	54.712	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	382436	60.960	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	408083	59.151	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	277381	54.500	ug/l	97
56) Ethyl methacrylate	9.18	69	400211	56.775	ug/l	98
57) 1,3-Dichloropropane	9.37	76	442285	54.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1188046	319.758	ug/l	100
59) 2-Hexanone	9.49	43	1445113	281.424	ug/l	100
60) Dibromochloromethane	9.58	129	297709	61.848	ug/l	98
61) 1,2-Dibromoethane	9.67	107	299343	55.538	ug/l	98
64) Tetrachloroethene	9.34	164	335107	53.198	ug/l	98
65) Chlorobenzene	10.13	112	777917	53.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	283116	57.901	ug/l	99
67) Ethyl Benzene	10.25	91	1294440	55.115	ug/l	99
68) m/p-Xylenes	10.36	106	1034410	110.797	ug/l	100
69) o-Xylene	10.69	106	498900	55.534	ug/l	100
70) Styrene	10.71	104	812458	55.765	ug/l	100
71) Bromoform	10.85	173	229858	53.307	ug/l #	100
73) Isopropylbenzene	11.02	105	1337419	55.002	ug/l	99
74) N-amyl acetate	10.90	43	509729	54.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	392818	53.008	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	388839m	55.867	ug/l	
77) Bromobenzene	11.26	156	359725	52.506	ug/l	99
78) n-propylbenzene	11.36	91	1524294	57.167	ug/l	100
79) 2-Chlorotoluene	11.42	91	868274	53.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1114033	56.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	122744	54.128	ug/l	96
82) 4-Chlorotoluene	11.51	91	1028059	54.915	ug/l	100
83) tert-Butylbenzene	11.77	119	1079352	54.802	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1128321	55.867	ug/l	100
85) sec-Butylbenzene	11.94	105	1357102	56.930	ug/l	100
86) p-Isopropyltoluene	12.06	119	1221098	56.746	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	644938	52.453	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	651418	52.221	ug/l	100
89) n-Butylbenzene	12.39	91	1068407	57.717	ug/l	100
90) Hexachloroethane	12.60	117	196788	61.104	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	636337	52.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	85836	55.706	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	451923	54.765	ug/l	99
94) Hexachlorobutadiene	13.78	225	216606	54.057	ug/l	100
95) Naphthalene	13.83	128	1335468	55.341	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	440971	53.087	ug/l	98

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

