

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007433.D
 Acq On : 08 Feb 2019 10:39
 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
 2/11/2019 9:37:10 AM

Quant Time: Feb 08 23:15:15 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	550036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	774945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	707510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	314277	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	5.50	113	287306	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
50) Toluene-d8	8.71	98	1068378	57.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.22%	
62) 4-Bromofluorobenzene	11.13	95	390625	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	312685	46.275	ug/l	98
3) Chloromethane	1.33	50	264908	42.759	ug/l	99
4) Vinyl Chloride	1.41	62	281993	46.397	ug/l	98
5) Bromomethane	1.64	94	281771	46.856	ug/l	99
6) Chloroethane	1.71	64	177090	45.041	ug/l	100
7) Trichlorofluoromethane	1.93	101	443373	46.632	ug/l	99
8) Diethyl Ether	2.19	74	159819	44.660	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	262016	46.329	ug/l	99
10) Methyl Iodide	2.51	142	380219	45.701	ug/l	100
11) Tert butyl alcohol	3.07	59	270913	224.226	ug/l	100
12) 1,1-Dichloroethene	2.37	96	232144	44.203	ug/l	100
13) Acrolein	2.29	56	137308	242.352	ug/l	97
14) Allyl chloride	2.73	41	395773	46.251	ug/l	99
15) Acrylonitrile	3.15	53	681224	227.920	ug/l	99
16) Acetone	2.45	43	608764	227.633	ug/l	100
17) Carbon Disulfide	2.57	76	581011	42.634	ug/l	99
18) Methyl Acetate	2.78	43	352505	50.582	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773240	45.447	ug/l	98
20) Methylene Chloride	2.85	84	254985	46.653	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	247452	44.232	ug/l	99
22) Diisopropyl ether	3.87	45	757368	48.117	ug/l	97
23) Vinyl Acetate	3.82	43	3299993	252.650	ug/l	100
24) 1,1-Dichloroethane	3.70	63	436668	48.308	ug/l	98
25) 2-Butanone	4.70	43	874259	229.713	ug/l	100
26) 2,2-Dichloropropane	4.58	77	328935	47.784	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	265586	43.464	ug/l	98
28) Bromochloromethane	5.02	49	217772	52.389	ug/l	98
29) Tetrahydrofuran	5.15	42	571276	238.664	ug/l	99
30) Chloroform	5.21	83	431523	45.750	ug/l	98
31) Cyclohexane	5.57	56	368630	45.407	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	377163	47.372	ug/l	100
36) 1,1-Dichloropropene	5.80	75	318481	45.804	ug/l	100
37) Ethyl Acetate	4.85	43	329383	46.862	ug/l	99
38) Carbon Tetrachloride	5.78	117	336727	49.918	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	416586	49.520	ug/l	99
40) Benzene	6.14	78	965950	47.161	ug/l	99
41) Methacrylonitrile	5.06	41	185439	49.227	ug/l	98
42) 1,2-Dichloroethane	6.20	62	322047	45.445	ug/l	98
43) Isopropyl Acetate	6.46	43	530854	48.931	ug/l	99
44) Trichloroethene	7.21	130	285132	46.223	ug/l	99
45) 1,2-Dichloropropane	7.51	63	242852	47.323	ug/l	100
46) Dibromomethane	7.66	93	174927	46.900	ug/l	97
47) Bromodichloromethane	7.90	83	312928	49.505	ug/l	99
48) Methyl methacrylate	7.77	41	271597	50.049	ug/l	99
49) 1,4-Dioxane	7.75	88	118843	963.240	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1714766	240.099	ug/l	99
52) Toluene	8.78	92	628767	47.581	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	352714	51.947	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	385088	51.573	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	258001	46.838	ug/l	98
56) Ethyl methacrylate	9.18	69	367283	48.142	ug/l	100
57) 1,3-Dichloropropane	9.37	76	413330	47.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	921126	229.066	ug/l	100
59) 2-Hexanone	9.49	43	1318944	237.323	ug/l	100
60) Dibromochloromethane	9.58	129	274727	52.734	ug/l	99
61) 1,2-Dibromoethane	9.67	107	283725	48.637	ug/l	100
64) Tetrachloroethene	9.33	164	305719	45.845	ug/l	99
65) Chlorobenzene	10.14	112	717776	46.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	264952	51.185	ug/l	99
67) Ethyl Benzene	10.25	91	1214328	48.841	ug/l	100
68) m/p-Xylenes	10.36	106	953188	96.444	ug/l	100
69) o-Xylene	10.69	106	460858	48.459	ug/l	100
70) Styrene	10.71	104	747002	48.433	ug/l	100
71) Bromoform	10.86	173	206129	45.773	ug/l	100
73) Isopropylbenzene	11.02	105	1240394	48.398	ug/l	99
74) N-amyl acetate	10.90	43	476286	48.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	367749	47.083	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	352653m	48.072	ug/l	
77) Bromobenzene	11.26	156	327582	45.364	ug/l	97
78) n-propylbenzene	11.36	91	1408972	50.135	ug/l	100
79) 2-Chlorotoluene	11.42	91	803238	47.103	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1012844	48.305	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112053	47.448	ug/l	96
82) 4-Chlorotoluene	11.51	91	941668	47.723	ug/l	100
83) tert-Butylbenzene	11.77	119	1000325	48.187	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1037536	48.740	ug/l	99
85) sec-Butylbenzene	11.94	105	1260603	50.173	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130950	49.864	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	598105	46.152	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	601653	45.760	ug/l	100
89) n-Butylbenzene	12.39	91	983254	50.396	ug/l	99
90) Hexachloroethane	12.60	117	181240	53.394	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	592665	45.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78615	48.406	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	423435	48.684	ug/l	99
94) Hexachlorobutadiene	13.78	225	206517	48.899	ug/l	100
95) Naphthalene	13.83	128	1258891	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	417683	47.708	ug/l	99

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

