

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014664.D
 Acq On : 20 Jan 2020 09:59
 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
 1/21/2020 2:14:45 PM

Quant Time: Jan 21 00:36:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	683169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	255086	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.48	113	210133	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	8.71	98	805192	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	290749	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	282329	49.660	ug/l	100
3) Chloromethane	1.32	50	296550	50.803	ug/l	100
4) Vinyl Chloride	1.40	62	341776	52.544	ug/l	99
5) Bromomethane	1.63	94	214334	49.711	ug/l	98
6) Chloroethane	1.71	64	181511	51.242	ug/l	96
7) Trichlorofluoromethane	1.92	101	372741	50.517	ug/l	99
8) Diethyl Ether	2.18	74	164036	48.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	227663	50.716	ug/l	98
10) Methyl Iodide	2.50	142	294629	54.812	ug/l	100
11) Tert butyl alcohol	3.03	59	255109	239.001	ug/l	99
12) 1,1-Dichloroethene	2.36	96	221554	48.986	ug/l	98
13) Acrolein	2.28	56	256321	299.599	ug/l	100
14) Allyl chloride	2.72	41	411806	51.861	ug/l	99
15) Acrylonitrile	3.12	53	668991	259.682	ug/l	99
16) Acetone	2.43	43	701363	274.029	ug/l	98
17) Carbon Disulfide	2.56	76	583759	46.258	ug/l	98
18) Methyl Acetate	2.76	43	409815	55.776	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	769196	52.979	ug/l	99
20) Methylene Chloride	2.84	84	254273	49.443	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	238539	48.311	ug/l	99
22) Diisopropyl ether	3.84	45	845153	55.075	ug/l	97
23) Vinyl Acetate	3.80	43	3308005	278.436	ug/l	100
24) 1,1-Dichloroethane	3.69	63	444336	53.228	ug/l	100
25) 2-Butanone	4.65	43	1028516	269.343	ug/l	100
26) 2,2-Dichloropropane	4.57	77	369280	52.221	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	276116	50.024	ug/l	98
28) Bromochloromethane	5.00	49	178631	50.783	ug/l	93
29) Tetrahydrofuran	5.11	42	597775	264.770	ug/l	98
30) Chloroform	5.20	83	430060	52.721	ug/l	95
31) Cyclohexane	5.57	56	416597	53.316	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	370852	53.112	ug/l	99
36) 1,1-Dichloropropene	5.79	75	331687	51.628	ug/l	98
37) Ethyl Acetate	4.81	43	369628	52.967	ug/l	99
38) Carbon Tetrachloride	5.77	117	316026	53.454	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	425299	52.692	ug/l	98
40) Benzene	6.13	78	1001928	52.545	ug/l	99
41) Methacrylonitrile	5.02	41	206803	55.571	ug/l	97
42) 1,2-Dichloroethane	6.18	62	346876	52.029	ug/l	99
43) Isopropyl Acetate	6.43	43	607770	53.913	ug/l	99
44) Trichloroethene	7.20	130	273681	49.944	ug/l	94
45) 1,2-Dichloropropane	7.50	63	265468	54.607	ug/l	100
46) Dibromomethane	7.65	93	169380	49.919	ug/l	98
47) Bromodichloromethane	7.89	83	343874	55.697	ug/l	98
48) Methyl methacrylate	7.76	41	304860	56.464	ug/l	98
49) 1,4-Dioxane	7.73	88	109198	954.492	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1894346	275.760	ug/l	98
52) Toluene	8.78	92	636103	52.113	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	383037	53.289	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	422698	54.438	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	258348	52.694	ug/l	99
56) Ethyl methacrylate	9.17	69	412113	54.866	ug/l	98
57) 1,3-Dichloropropane	9.36	76	437573	53.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	785221	307.256	ug/l	98
59) 2-Hexanone	9.48	43	1530437	281.565	ug/l	99
60) Dibromochloromethane	9.57	129	276963	56.203	ug/l	100
61) 1,2-Dibromoethane	9.67	107	266805	51.373	ug/l	99
64) Tetrachloroethene	9.33	164	287813	46.501	ug/l	99
65) Chlorobenzene	10.13	112	683330	50.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	254730	53.259	ug/l	99
67) Ethyl Benzene	10.25	91	1214379	53.162	ug/l	100
68) m/p-Xylenes	10.36	106	933542	105.931	ug/l	98
69) o-Xylene	10.70	106	445499	52.982	ug/l	100
70) Styrene	10.71	104	775436	53.438	ug/l	99
71) Bromoform	10.85	173	210712	53.847	ug/l	97
73) Isopropylbenzene	11.01	105	1200796	53.789	ug/l	99
74) N-amyl acetate	10.89	43	534771	54.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	387106	54.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	326653m	49.661	ug/l	
77) Bromobenzene	11.25	156	304713	49.219	ug/l	97
78) n-propylbenzene	11.35	91	1390552	54.389	ug/l	99
79) 2-Chlorotoluene	11.42	91	802342	52.656	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1012819	54.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137896	55.426	ug/l	97
82) 4-Chlorotoluene	11.51	91	936901	52.382	ug/l	99
83) tert-Butylbenzene	11.76	119	960298	54.836	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1015776	54.238	ug/l	99
85) sec-Butylbenzene	11.94	105	1182107	54.299	ug/l	100
86) p-Isopropyltoluene	12.06	119	1098197	54.361	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	556584	50.095	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	560228	53.715	ug/l	99
89) n-Butylbenzene	12.39	91	989734	53.583	ug/l	99
90) Hexachloroethane	12.59	117	196661	55.420	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	556154	51.091	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82894	51.475	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	389313	50.960	ug/l	99
94) Hexachlorobutadiene	13.78	225	195490	54.628	ug/l	99
95) Naphthalene	13.83	128	1145757	48.317	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	383913	51.209	ug/l	99

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

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