

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014522.D
 Acq On : 10 Jan 2020 08:48
 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
 1/13/2020 11:34:27 AM

Quant Time: Jan 10 12:32:32 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	517091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	273836	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.48	113	229176	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	887266	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	318541	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	316210	49.259	ug/l	98
3) Chloromethane	1.32	50	319418	48.460	ug/l	100
4) Vinyl Chloride	1.40	62	369758	50.343	ug/l	99
5) Bromomethane	1.63	94	214194	43.995	ug/l	98
6) Chloroethane	1.72	64	199824	49.925	ug/l	99
7) Trichlorofluoromethane	1.92	101	399476	47.946	ug/l	99
8) Diethyl Ether	2.18	74	175220	46.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242281	47.797	ug/l	100
10) Methyl Iodide	2.50	142	310794	51.205	ug/l	100
11) Tert butyl alcohol	3.03	59	272543	226.123	ug/l	98
12) 1,1-Dichloroethene	2.37	96	236927	46.392	ug/l	99
13) Acrolein	2.28	56	215479	223.047	ug/l	98
14) Allyl chloride	2.72	41	423474	47.229	ug/l	99
15) Acrylonitrile	3.13	53	673035	231.363	ug/l	99
16) Acetone	2.43	43	742181	256.535	ug/l	99
17) Carbon Disulfide	2.56	76	651722	45.735	ug/l	98
18) Methyl Acetate	2.76	43	401614	48.407	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	780689	47.619	ug/l	100
20) Methylene Chloride	2.84	84	270706	46.616	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	255910	45.899	ug/l	99
22) Diisopropyl ether	3.84	45	858690	49.556	ug/l	96
23) Vinyl Acetate	3.80	43	3357234	250.252	ug/l	99
24) 1,1-Dichloroethane	3.69	63	458255	48.615	ug/l	100
25) 2-Butanone	4.65	43	1032377	239.425	ug/l	99
26) 2,2-Dichloropropane	4.57	77	376331	47.129	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	291157	46.714	ug/l	99
28) Bromochloromethane	5.00	49	180736	45.503	ug/l	97
29) Tetrahydrofuran	5.11	42	597164	234.240	ug/l	99
30) Chloroform	5.19	83	442158	48.003	ug/l	99
31) Cyclohexane	5.56	56	439321	49.792	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	380458	48.254	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348621	48.570	ug/l	99
37) Ethyl Acetate	4.81	43	365481	46.877	ug/l	99
38) Carbon Tetrachloride	5.77	117	330313	50.008	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	453792	50.322	ug/l	99
40) Benzene	6.13	78	1051371	49.352	ug/l	99
41) Methacrylonitrile	5.03	41	207382	49.879	ug/l	97
42) 1,2-Dichloroethane	6.18	62	354349	47.573	ug/l	100
43) Isopropyl Acetate	6.43	43	616481	48.948	ug/l	99
44) Trichloroethene	7.20	130	295480	48.264	ug/l	97
45) 1,2-Dichloropropane	7.50	63	272335	50.142	ug/l	99
46) Dibromomethane	7.65	93	176152	46.468	ug/l	99
47) Bromodichloromethane	7.89	83	354011	51.322	ug/l	98
48) Methyl methacrylate	7.76	41	301647	50.006	ug/l	100
49) 1,4-Dioxane	7.73	88	126277	987.954	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1879453	244.883	ug/l	100
52) Toluene	8.78	92	672260	49.296	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	394698	49.149	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	438380	50.534	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	266178	48.594	ug/l	99
56) Ethyl methacrylate	9.17	69	422981	50.404	ug/l	99
57) 1,3-Dichloropropane	9.36	76	448523	48.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	769327	269.447	ug/l	99
59) 2-Hexanone	9.48	43	1515318	249.529	ug/l	100
60) Dibromochloromethane	9.57	129	282037	51.227	ug/l	100
61) 1,2-Dibromoethane	9.67	107	275209	47.431	ug/l	99
64) Tetrachloroethene	9.33	164	307954	44.808	ug/l	98
65) Chlorobenzene	10.13	112	713055	47.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	262693	49.463	ug/l	99
67) Ethyl Benzene	10.25	91	1278183	50.391	ug/l	99
68) m/p-Xylenes	10.35	106	977361	99.875	ug/l	98
69) o-Xylene	10.69	106	467415	50.061	ug/l	99
70) Styrene	10.71	104	815993	50.642	ug/l	99
71) Bromoform	10.85	173	218724	50.336	ug/l	99
73) Isopropylbenzene	11.01	105	1254773	50.831	ug/l	99
74) N-amyl acetate	10.89	43	541287	49.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	392130	49.534	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	330846m	45.488	ug/l	
77) Bromobenzene	11.25	156	324410	47.389	ug/l	99
78) n-propylbenzene	11.35	91	1451768	51.353	ug/l	100
79) 2-Chlorotoluene	11.42	91	831040	49.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1059496	51.697	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136299	49.544	ug/l	98
82) 4-Chlorotoluene	11.51	91	978527	49.477	ug/l	98
83) tert-Butylbenzene	11.76	119	995129	51.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1067141	51.530	ug/l	99
85) sec-Butylbenzene	11.94	105	1229908	51.091	ug/l	100
86) p-Isopropyltoluene	12.06	119	1142412	51.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	580260	47.230	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	580148	50.267	ug/l	99
89) n-Butylbenzene	12.39	91	1002612	49.088	ug/l	99
90) Hexachloroethane	12.59	117	199493	50.841	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	575744	47.832	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	81046	45.513	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	408713	48.376	ug/l	100
94) Hexachlorobutadiene	13.78	225	201409	50.903	ug/l	99
95) Naphthalene	13.83	128	1192106	45.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400156	48.255	ug/l	99

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

