

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014341.D
 Acq On : 28 Dec 2019 04:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:05:06 AM

Quant Time: Dec 30 07:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	721016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	269214	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.49	113	220892	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	8.71	98	863872	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	309151	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	173063	41.548	ug/l	98
3) Chloromethane	1.32	50	256402	45.868	ug/l	99
4) Vinyl Chloride	1.40	62	272851	46.258	ug/l	98
5) Bromomethane	1.63	94	181848	43.438	ug/l	99
6) Chloroethane	1.72	64	175817	48.296	ug/l	93
7) Trichlorofluoromethane	1.92	101	349011	47.799	ug/l	97
8) Diethyl Ether	2.18	74	167142	48.774	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210171	47.750	ug/l	99
10) Methyl Iodide	2.50	142	272954	47.181	ug/l	99
11) Tert butyl alcohol	3.03	59	264347	231.840	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212968	47.551	ug/l	97
13) Acrolein	2.28	56	164957	252.732	ug/l	99
14) Allyl chloride	2.72	41	388420	48.573	ug/l	98
15) Acrylonitrile	3.13	53	700315	263.144	ug/l	99
16) Acetone	2.43	43	690908	201.676	ug/l	99
17) Carbon Disulfide	2.56	76	523521	42.223	ug/l	99
18) Methyl Acetate	2.76	43	393829	58.015	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	757813	51.491	ug/l	100
20) Methylene Chloride	2.85	84	256050	47.463	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	231575	46.933	ug/l	97
22) Diisopropyl ether	3.84	45	834224	52.351	ug/l	91
23) Vinyl Acetate	3.80	43	1889700	145.315	ug/l	100
24) 1,1-Dichloroethane	3.69	63	444608	50.149	ug/l	100
25) 2-Butanone	4.66	43	1017702	240.953	ug/l	99
26) 2,2-Dichloropropane	4.58	77	252226	36.642	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	273990	49.099	ug/l	98
28) Bromochloromethane	5.01	49	186930	54.780	ug/l	97
29) Tetrahydrofuran	5.11	42	624371	264.296	ug/l	99
30) Chloroform	5.20	83	429946	51.156	ug/l	99
31) Cyclohexane	5.58	56	379006	48.065	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	354409	49.478	ug/l	99
36) 1,1-Dichloropropene	5.79	75	318090	48.081	ug/l	99
37) Ethyl Acetate	4.82	43	372331	50.965	ug/l	99
38) Carbon Tetrachloride	5.78	117	295676	49.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373170	45.682	ug/l	96
40) Benzene	6.14	78	1003850	49.315	ug/l	99
41) Methacrylonitrile	5.03	41	212700	52.473	ug/l	97
42) 1,2-Dichloroethane	6.18	62	344751	49.963	ug/l	98
43) Isopropyl Acetate	6.43	43	619389	51.230	ug/l	99
44) Trichloroethene	7.21	130	296093	52.663	ug/l	99
45) 1,2-Dichloropropane	7.51	63	268910	51.541	ug/l	97
46) Dibromomethane	7.65	93	167141	48.454	ug/l	100
47) Bromodichloromethane	7.89	83	336362	51.775	ug/l	98
48) Methyl methacrylate	7.76	41	299978	50.669	ug/l	99
49) 1,4-Dioxane	7.73	88	109873	911.953	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1949261	256.717	ug/l	100
52) Toluene	8.78	92	625315	48.601	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	352764	49.521	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389844	49.123	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260913	50.597	ug/l	99
56) Ethyl methacrylate	9.17	69	416300	51.393	ug/l	99
57) 1,3-Dichloropropane	9.37	76	439458	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	818567	267.031	ug/l	100
59) 2-Hexanone	9.48	43	1502480	245.808	ug/l	99
60) Dibromochloromethane	9.57	129	270535	52.779	ug/l	100
61) 1,2-Dibromoethane	9.67	107	267891	50.774	ug/l	99
64) Tetrachloroethene	9.33	164	400368	68.751	ug/l	95
65) Chlorobenzene	10.14	112	677364	48.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	251789	50.395	ug/l	99
67) Ethyl Benzene	10.25	91	1187621	49.366	ug/l	100
68) m/p-Xylenes	10.35	106	901422	97.422	ug/l	99
69) o-Xylene	10.70	106	446621	49.216	ug/l	100
70) Styrene	10.71	104	759792	49.514	ug/l	99
71) Bromoform	10.85	173	205064	51.059	ug/l	99
73) Isopropylbenzene	11.01	105	1166558	51.629	ug/l	100
74) N-amyl acetate	10.89	43	542781	51.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342968	43.782	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	319272m	45.826	ug/l	
77) Bromobenzene	11.25	156	302566	48.670	ug/l	99
78) n-propylbenzene	11.35	91	1310133	51.693	ug/l	99
79) 2-Chlorotoluene	11.42	91	781864	50.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	981861	51.633	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116176	47.066	ug/l	97
82) 4-Chlorotoluene	11.51	91	900094	50.367	ug/l	99
83) tert-Butylbenzene	11.76	119	825655	44.616	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	971015	50.989	ug/l	100
85) sec-Butylbenzene	11.94	105	1128025	51.634	ug/l	100
86) p-Isopropyltoluene	12.06	119	1020789	51.081	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	530368	48.678	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	524733	47.365	ug/l	100
89) n-Butylbenzene	12.38	91	874024	51.258	ug/l	100
90) Hexachloroethane	12.59	117	178134	49.627	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	532462	48.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80429	46.397	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	354305	49.701	ug/l	99
94) Hexachlorobutadiene	13.77	225	165309	48.250	ug/l	97
95) Naphthalene	13.83	128	1102718	52.649	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360603	51.243	ug/l	98

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

