

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101019\
 Data File : VX013008.D
 Acq On : 10 Oct 2019 20:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:06:13 PM

Quant Time: Oct 11 08:18:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106145	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	5.49	113	84089	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	8.71	98	321916	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	122965	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	84454	50.278	ug/l	99
3) Chloromethane	1.32	50	91612	50.114	ug/l	97
4) Vinyl Chloride	1.40	62	93519	49.563	ug/l	97
5) Bromomethane	1.63	94	38693	49.332	ug/l	100
6) Chloroethane	1.71	64	57659	50.027	ug/l	98
7) Trichlorofluoromethane	1.92	101	132366	51.975	ug/l	98
8) Diethyl Ether	2.18	74	51888	50.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82621	50.128	ug/l	99
10) Methyl Iodide	2.50	142	96518	51.518	ug/l	99
11) Tert butyl alcohol	3.04	59	139406	255.323	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83854	50.354	ug/l	99
13) Acrolein	2.28	56	96308	248.205	ug/l	98
14) Allyl chloride	2.72	41	150415	50.719	ug/l	98
15) Acrylonitrile	3.13	53	274824	265.606	ug/l	99
16) Acetone	2.44	43	241139	222.115	ug/l	99
17) Carbon Disulfide	2.56	76	222514	46.861	ug/l	99
18) Methyl Acetate	2.76	43	134423	52.238	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	305112	53.055	ug/l	100
20) Methylene Chloride	2.84	84	98334	49.285	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	91700	51.376	ug/l	99
22) Diisopropyl ether	3.84	45	299489	52.702	ug/l	94
23) Vinyl Acetate	3.80	43	1309640	266.961	ug/l	100
24) 1,1-Dichloroethane	3.69	63	167069	52.259	ug/l	98
25) 2-Butanone	4.66	43	383743	254.778	ug/l	98
26) 2,2-Dichloropropane	4.57	77	125715	46.763	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	105226	51.145	ug/l	99
28) Bromochloromethane	5.01	49	49848	52.194	ug/l	99
29) Tetrahydrofuran	5.12	42	246152	265.577	ug/l	99
30) Chloroform	5.20	83	169721	51.739	ug/l	98
31) Cyclohexane	5.57	56	148485	49.671	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	147689	53.136	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126499	51.437	ug/l	99
37) Ethyl Acetate	4.82	43	143144	52.053	ug/l	99
38) Carbon Tetrachloride	5.78	117	127109	53.101	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154196	51.701	ug/l	99
40) Benzene	6.14	78	383296	52.770	ug/l	98
41) Methacrylonitrile	5.03	41	79259	52.452	ug/l	99
42) 1,2-Dichloroethane	6.18	62	139385	53.479	ug/l	98
43) Isopropyl Acetate	6.43	43	234520	53.134	ug/l	99
44) Trichloroethene	7.21	130	100573	49.932	ug/l	97
45) 1,2-Dichloropropane	7.51	63	97666	52.757	ug/l	99
46) Dibromomethane	7.65	93	65387	53.014	ug/l	99
47) Bromodichloromethane	7.89	83	131076	54.456	ug/l	96
48) Methyl methacrylate	7.76	41	115740	53.811	ug/l	98
49) 1,4-Dioxane	7.73	88	60305	1043.214	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	742701	269.888	ug/l	100
52) Toluene	8.78	92	245899	52.917	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	143447	47.852	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158026	53.380	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98717	53.680	ug/l	99
56) Ethyl methacrylate	9.17	69	161352	49.035	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168403	52.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	364138	269.542	ug/l	99
59) 2-Hexanone	9.49	43	574783	268.319	ug/l	99
60) Dibromochloromethane	9.58	129	100435	49.111	ug/l	100
61) 1,2-Dibromoethane	9.67	107	102079	52.767	ug/l	99
64) Tetrachloroethene	9.33	164	92130	52.926	ug/l	96
65) Chlorobenzene	10.14	112	257109	51.588	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	94774	54.846	ug/l	100
67) Ethyl Benzene	10.25	91	468624	52.935	ug/l	100
68) m/p-Xylenes	10.35	106	350980	106.125	ug/l	99
69) o-Xylene	10.70	106	171560	53.195	ug/l	99
70) Styrene	10.71	104	299296	54.589	ug/l	100
71) Bromoform	10.85	173	68426	46.703	ug/l #	100
73) Isopropylbenzene	11.01	105	456126	52.193	ug/l	99
74) N-amyl acetate	10.89	43	203580	54.089	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	150392	51.741	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	121267m	45.997	ug/l	
77) Bromobenzene	11.25	156	104170	50.584	ug/l	98
78) n-propylbenzene	11.35	91	496740	51.656	ug/l	100
79) 2-Chlorotoluene	11.42	91	310265	51.338	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	390139	53.464	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	48329	47.372	ug/l	98
82) 4-Chlorotoluene	11.51	91	370360	53.465	ug/l	99
83) tert-Butylbenzene	11.76	119	374901	52.667	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	382899	51.810	ug/l	97
85) sec-Butylbenzene	11.94	105	436024	52.871	ug/l	99
86) p-Isopropyltoluene	12.06	119	401617	52.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194167	50.772	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	196214	50.661	ug/l	98
89) n-Butylbenzene	12.38	91	344763	53.632	ug/l	99
90) Hexachloroethane	12.59	117	67916	48.030	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	196092	52.303	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37756	55.420	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	121029	51.533	ug/l	99
94) Hexachlorobutadiene	13.77	225	53884	49.715	ug/l	100
95) Naphthalene	13.83	128	434358	53.352	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123861	51.035	ug/l	99

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

