

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012888.D
 Acq On : 08 Oct 2019 14:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:40 AM

Quant Time: Oct 09 02:24:31 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	193452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119065	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.48	113	96090	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.71	98	368900	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.13	95	145871	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108109	54.825	ug/l	100
3) Chloromethane	1.31	50	107781	50.223	ug/l	99
4) Vinyl Chloride	1.40	62	110862	50.050	ug/l	98
5) Bromomethane	1.62	94	46598	50.608	ug/l	99
6) Chloroethane	1.71	64	68064	50.303	ug/l	99
7) Trichlorofluoromethane	1.92	101	160904	53.820	ug/l	97
8) Diethyl Ether	2.18	74	62080	51.444	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104601	54.060	ug/l	99
10) Methyl Iodide	2.50	142	99505	45.862	ug/l	100
11) Tert butyl alcohol	3.03	59	144345	225.200	ug/l	99
12) 1,1-Dichloroethene	2.36	96	102390	52.375	ug/l	94
13) Acrolein	2.28	56	106571	233.962	ug/l	99
14) Allyl chloride	2.72	41	181897	52.247	ug/l	99
15) Acrylonitrile	3.13	53	303521	249.879	ug/l	99
16) Acetone	2.43	43	327270	256.788	ug/l	100
17) Carbon Disulfide	2.56	76	285858	51.282	ug/l	99
18) Methyl Acetate	2.76	43	145296	48.098	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	359256	53.215	ug/l	97
20) Methylene Chloride	2.84	84	114764	48.998	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	109951	52.474	ug/l	98
22) Diisopropyl ether	3.84	45	350521	52.543	ug/l	91
23) Vinyl Acetate	3.80	43	1548412	268.868	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196620	52.390	ug/l	98
25) 2-Butanone	4.65	43	444105	251.168	ug/l	97
26) 2,2-Dichloropropane	4.57	77	174088	55.162	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	123815	51.264	ug/l	99
28) Bromochloromethane	5.00	49	57888	51.627	ug/l	99
29) Tetrahydrofuran	5.11	42	268398	246.675	ug/l	99
30) Chloroform	5.20	83	197213	51.212	ug/l	99
31) Cyclohexane	5.56	56	183977	52.425	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	177259	54.326	ug/l	98
36) 1,1-Dichloropropene	5.78	75	153258	54.824	ug/l	100
37) Ethyl Acetate	4.81	43	161296	51.600	ug/l	100
38) Carbon Tetrachloride	5.77	117	150512	55.316	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	198662	58.600	ug/l	99
40) Benzene	6.13	78	450243	54.532	ug/l	99
41) Methacrylonitrile	5.03	41	87904	51.178	ug/l	99
42) 1,2-Dichloroethane	6.18	62	158279	53.425	ug/l	100
43) Isopropyl Acetate	6.43	43	270871	53.989	ug/l	99
44) Trichloroethene	7.20	130	118605	51.803	ug/l	93
45) 1,2-Dichloropropane	7.50	63	114457	54.392	ug/l	99
46) Dibromomethane	7.65	93	75875	54.119	ug/l	99
47) Bromodichloromethane	7.89	83	155536	56.847	ug/l	95
48) Methyl methacrylate	7.76	41	132708	54.280	ug/l	99
49) 1,4-Dioxane	7.73	88	62037	947.449	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	815735	260.780	ug/l	100
52) Toluene	8.78	92	288470	54.613	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	178151	52.081	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	192392	57.173	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112539	53.837	ug/l	100
56) Ethyl methacrylate	9.17	69	189297	50.550	ug/l	99
57) 1,3-Dichloropropane	9.37	76	194855	53.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	430400	280.276	ug/l	99
59) 2-Hexanone	9.48	43	642871	264.013	ug/l	99
60) Dibromochloromethane	9.57	129	118028	50.711	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118832	54.040	ug/l	99
64) Tetrachloroethene	9.33	164	104546	52.960	ug/l	92
65) Chlorobenzene	10.14	112	303984	53.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	111887	57.096	ug/l	100
67) Ethyl Benzene	10.24	91	556092	55.391	ug/l	100
68) m/p-Xylenes	10.35	106	417878	111.418	ug/l	98
69) o-Xylene	10.70	106	204392	55.884	ug/l	99
70) Styrene	10.71	104	352019	56.616	ug/l	99
71) Bromoform	10.85	173	80934	48.576	ug/l #	99
73) Isopropylbenzene	11.01	105	550541	54.553	ug/l	100
74) N-amyl acetate	10.89	43	237201	54.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	173723	51.756	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	139962m	45.972	ug/l	
77) Bromobenzene	11.25	156	127124	53.456	ug/l	99
78) n-propylbenzene	11.35	91	625138	56.295	ug/l	99
79) 2-Chlorotoluene	11.42	91	356284	51.051	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	454423	53.927	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	59007	49.853	ug/l	97
82) 4-Chlorotoluene	11.51	91	420187	52.528	ug/l	99
83) tert-Butylbenzene	11.76	119	443041	53.897	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	463230	54.278	ug/l	99
85) sec-Butylbenzene	11.94	105	516694	54.255	ug/l	98
86) p-Isopropyltoluene	12.06	119	495750	56.128	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233623	52.902	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	236353	52.845	ug/l	99
89) n-Butylbenzene	12.38	91	421811	56.823	ug/l	99
90) Hexachloroethane	12.59	117	82855	50.621	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	224135	51.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42675	54.244	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	151282	55.781	ug/l	98
94) Hexachlorobutadiene	13.77	225	69360	55.416	ug/l	99
95) Naphthalene	13.83	128	521957	55.519	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	151568	54.081	ug/l	99

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

