

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012434.D
 Acq On : 17 Sep 2019 15:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:23:38 AM

Quant Time: Sep 18 03:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 14:19:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	120117	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
35) Dibromofluoromethane	5.48	113	87842	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	328645	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	135960	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	57759	46.618	ug/l	99
3) Chloromethane	1.31	50	48076	47.062	ug/l	100
4) Vinyl Chloride	1.40	62	51742	46.863	ug/l	99
5) Bromomethane	1.62	94	20900	48.182	ug/l	100
6) Chloroethane	1.71	64	35505	39.031	ug/l	97
7) Trichlorofluoromethane	1.92	101	97518	48.181	ug/l	100
8) Diethyl Ether	2.18	74	41143	45.005	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69923	47.748	ug/l	99
10) Methyl Iodide	2.50	142	52956	42.838	ug/l	99
11) Tert butyl alcohol	3.03	59	136391	200.806	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55254	47.298	ug/l	96
13) Acrolein	2.28	56	46921	200.318	ug/l	98
14) Allyl chloride	2.72	41	126997	46.694	ug/l	99
15) Acrylonitrile	3.13	53	251567	217.995	ug/l	100
16) Acetone	2.43	43	285287	233.943	ug/l	99
17) Carbon Disulfide	2.56	76	75809	46.034	ug/l	99
18) Methyl Acetate	2.76	43	121424	43.756	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	292426	45.910	ug/l	98
20) Methylene Chloride	2.84	84	70997	44.052	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	57971	47.787	ug/l	92
22) Diisopropyl ether	3.84	45	288253	45.265	ug/l	94
23) Vinyl Acetate	3.80	43	1239215	236.561	ug/l	100
24) 1,1-Dichloroethane	3.68	63	141903	46.573	ug/l	97
25) 2-Butanone	4.65	43	396346	214.558	ug/l	100
26) 2,2-Dichloropropane	4.57	77	140154	46.772	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	83686	46.180	ug/l	99
28) Bromochloromethane	5.00	49	70565	44.923	ug/l	100
29) Tetrahydrofuran	5.11	42	227403	222.835	ug/l	100
30) Chloroform	5.20	83	156062	44.599	ug/l	98
31) Cyclohexane	5.56	56	88493	48.113	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	135443	46.311	ug/l	99
36) 1,1-Dichloropropene	5.78	75	87960	48.112	ug/l	97
37) Ethyl Acetate	4.82	43	137558	49.017	ug/l	100
38) Carbon Tetrachloride	5.77	117	110659	48.667	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	94749	53.311	ug/l	98
40) Benzene	6.13	78	284053	48.860	ug/l	99
41) Methacrylonitrile	5.02	41	82256	45.521	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126479	46.906	ug/l	99
43) Isopropyl Acetate	6.43	43	236286	46.912	ug/l	100
44) Trichloroethene	7.20	130	76405	49.961	ug/l	94
45) 1,2-Dichloropropane	7.50	63	84789	47.471	ug/l	99
46) Dibromomethane	7.65	93	54642	47.275	ug/l	100
47) Bromodichloromethane	7.89	83	127535	49.556	ug/l	97
48) Methyl methacrylate	7.76	41	109997	46.328	ug/l	98
49) 1,4-Dioxane	7.73	88	49496	856.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	754309	228.363	ug/l	99
52) Toluene	8.78	92	186133	49.686	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135792	50.759	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140019	50.556	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91493	47.406	ug/l	97
56) Ethyl methacrylate	9.17	69	146734	48.627	ug/l	99
57) 1,3-Dichloropropane	9.37	76	147766	47.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	381895	244.491	ug/l	99
59) 2-Hexanone	9.48	43	590760	229.246	ug/l	98
60) Dibromochloromethane	9.57	129	99917	50.825	ug/l	99
61) 1,2-Dibromoethane	9.67	107	87217	49.480	ug/l	98
64) Tetrachloroethene	9.33	164	60423	48.565	ug/l	96
65) Chlorobenzene	10.14	112	217977	48.642	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	93800	50.435	ug/l	99
67) Ethyl Benzene	10.25	91	380920	49.476	ug/l	97
68) m/p-Xylenes	10.35	106	279320	99.711	ug/l	100
69) o-Xylene	10.70	106	143835	49.927	ug/l	99
70) Styrene	10.71	104	256143	50.252	ug/l	99
71) Bromoform	10.85	173	68543	43.217	ug/l #	98
73) Isopropylbenzene	11.01	105	405073	47.777	ug/l	99
74) N-amyl acetate	10.89	43	216253	47.376	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	151326	45.500	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	146879m	47.320	ug/l	
77) Bromobenzene	11.25	156	98481	47.628	ug/l	99
78) n-propylbenzene	11.35	91	471397	49.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	290528	47.260	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	356094	49.247	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50145	44.701	ug/l	98
82) 4-Chlorotoluene	11.51	91	344773	48.866	ug/l	100
83) tert-Butylbenzene	11.77	119	375659	48.484	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	366358	49.346	ug/l	100
85) sec-Butylbenzene	11.94	105	430396	50.411	ug/l	100
86) p-Isopropyltoluene	12.06	119	394679	50.343	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190493	48.975	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	191108	47.832	ug/l	100
89) n-Butylbenzene	12.38	91	354277	50.647	ug/l	99
90) Hexachloroethane	12.59	117	73008	50.788	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	193870	47.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	41099	47.665	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	135884	51.893	ug/l	100
94) Hexachlorobutadiene	13.78	225	62266	50.452	ug/l	99
95) Naphthalene	13.83	128	471627	50.618	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137472	51.519	ug/l	100

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

