

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX093019\
 Data File : VX012721.D
 Acq On : 30 Sep 2019 21:23
 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
 10/1/2019 10:08:02 AM

Quant Time: Oct 01 05:00:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123882	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.49	113	93164	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	8.71	98	350776	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	137777	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86623	45.259	ug/l	98
3) Chloromethane	1.32	50	99927	45.468	ug/l	98
4) Vinyl Chloride	1.40	62	104668	47.915	ug/l	98
5) Bromomethane	1.62	94	38513	44.841	ug/l	99
6) Chloroethane	1.70	64	65616	44.557	ug/l	99
7) Trichlorofluoromethane	1.92	101	146400	47.733	ug/l	100
8) Diethyl Ether	2.18	74	60439	48.086	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90633	48.517	ug/l	97
10) Methyl Iodide	2.50	142	91553	46.866	ug/l	95
11) Tert butyl alcohol	3.04	59	158605	256.278	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91228	49.873	ug/l	96
13) Acrolein	2.28	56	94184	272.243	ug/l	99
14) Allyl chloride	2.72	41	175647	48.399	ug/l	97
15) Acrylonitrile	3.13	53	316615	252.167	ug/l	98
16) Acetone	2.44	43	270578	206.194	ug/l	96
17) Carbon Disulfide	2.56	76	236098	46.040	ug/l	99
18) Methyl Acetate	2.76	43	152502	49.355	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	350104	50.566	ug/l	97
20) Methylene Chloride	2.84	84	108257	48.775	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	99912	49.302	ug/l	91
22) Diisopropyl ether	3.84	45	351089	50.066	ug/l	98
23) Vinyl Acetate	3.80	43	1518906	246.991	ug/l	98
24) 1,1-Dichloroethane	3.69	63	189186	49.631	ug/l	98
25) 2-Butanone	4.66	43	439293	233.471	ug/l	97
26) 2,2-Dichloropropane	4.58	77	141379	41.702	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	116853	49.695	ug/l	93
28) Bromochloromethane	5.01	49	71796	51.873	ug/l	99
29) Tetrahydrofuran	5.12	42	284191	247.806	ug/l	97
30) Chloroform	5.20	83	191224	49.034	ug/l	99
31) Cyclohexane	5.57	56	166518	48.288	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	169854	49.143	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140217	47.911	ug/l	98
37) Ethyl Acetate	4.82	43	168950	49.378	ug/l	99
38) Carbon Tetrachloride	5.78	117	144156	48.489	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165887	47.083	ug/l	98
40) Benzene	6.14	78	423188	49.145	ug/l	100
41) Methacrylonitrile	5.03	41	92067	47.958	ug/l	95
42) 1,2-Dichloroethane	6.18	62	158944	48.608	ug/l	99
43) Isopropyl Acetate	6.43	43	272337	47.596	ug/l	97
44) Trichloroethene	7.21	130	109000	49.515	ug/l	97
45) 1,2-Dichloropropane	7.51	63	109963	49.879	ug/l	99
46) Dibromomethane	7.65	93	73471	48.947	ug/l	97
47) Bromodichloromethane	7.89	83	149334	49.778	ug/l	98
48) Methyl methacrylate	7.76	41	132386	48.252	ug/l	94
49) 1,4-Dioxane	7.73	88	61695	991.401	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	857183	242.689	ug/l	96
52) Toluene	8.78	92	268272	49.569	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	161395	48.625	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177742	49.045	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	108979	50.648	ug/l	97
56) Ethyl methacrylate	9.17	69	180131	49.831	ug/l	93
57) 1,3-Dichloropropane	9.37	76	184948	49.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	414106	255.210	ug/l	99
59) 2-Hexanone	9.49	43	656286	242.749	ug/l	94
60) Dibromochloromethane	9.58	129	113550	52.132	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113177	50.541	ug/l	99
64) Tetrachloroethene	9.33	164	95862	50.160	ug/l	94
65) Chlorobenzene	10.14	112	278644	48.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104028	49.742	ug/l	98
67) Ethyl Benzene	10.25	91	512651	48.968	ug/l	98
68) m/p-Xylenes	10.35	106	384613	98.072	ug/l	100
69) o-Xylene	10.70	106	185023	48.758	ug/l	98
70) Styrene	10.71	104	324196	50.961	ug/l	99
71) Bromoform	10.85	173	75623	51.930	ug/l #	100
73) Isopropylbenzene	11.01	105	502850	49.309	ug/l	100
74) N-amyl acetate	10.89	43	238010	48.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	165621	49.038	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	162345m	49.016	ug/l	
77) Bromobenzene	11.25	156	114119	49.443	ug/l	99
78) n-propylbenzene	11.35	91	554622	48.307	ug/l	100
79) 2-Chlorotoluene	11.42	91	341194	47.639	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	422301	49.381	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52755	45.646	ug/l	97
82) 4-Chlorotoluene	11.51	91	403383	49.407	ug/l	99
83) tert-Butylbenzene	11.76	119	405586	49.166	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	426858	49.480	ug/l	100
85) sec-Butylbenzene	11.94	105	474218	49.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	436611	50.431	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210530	50.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208330	49.635	ug/l	99
89) n-Butylbenzene	12.39	91	372401	48.813	ug/l	99
90) Hexachloroethane	12.59	117	75067	48.634	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	208731	50.195	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42785	50.642	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	129577	51.095	ug/l	99
94) Hexachlorobutadiene	13.78	225	57181	52.412	ug/l	97
95) Naphthalene	13.83	128	481478	52.475	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132776	52.266	ug/l	100

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

