

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012489.D
 Acq On : 18 Sep 2019 21:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:06:05 PM

Quant Time: Sep 19 08:01:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	148885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138262	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	102807	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	8.71	98	379646	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	153241	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61754	46.069	ug/l	99
3) Chloromethane	1.32	50	52826	47.792	ug/l	100
4) Vinyl Chloride	1.40	62	60153	50.352	ug/l	98
5) Bromomethane	1.62	94	20908	44.547	ug/l	98
6) Chloroethane	1.70	64	40344	43.155	ug/l	97
7) Trichlorofluoromethane	1.92	101	111149	50.753	ug/l	97
8) Diethyl Ether	2.18	74	47514	48.035	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79682	50.288	ug/l	98
10) Methyl Iodide	2.50	142	59233	44.134	ug/l	98
11) Tert butyl alcohol	3.04	59	179551	245.615	ug/l	99
12) 1,1-Dichloroethene	2.36	96	64142	50.744	ug/l	98
13) Acrolein	2.28	56	55323	218.437	ug/l	100
14) Allyl chloride	2.72	41	144018	48.939	ug/l	99
15) Acrylonitrile	3.13	53	310162	248.397	ug/l	99
16) Acetone	2.44	43	285010	215.369	ug/l	98
17) Carbon Disulfide	2.56	76	80916	45.435	ug/l	98
18) Methyl Acetate	2.76	43	146872	48.915	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	344360	49.966	ug/l	99
20) Methylene Chloride	2.84	84	85902	49.259	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	66342	50.542	ug/l	93
22) Diisopropyl ether	3.84	45	340240	49.379	ug/l	98
23) Vinyl Acetate	3.80	43	1442869	254.559	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167703	50.868	ug/l	99
25) 2-Butanone	4.66	43	460796	230.539	ug/l	99
26) 2,2-Dichloropropane	4.57	77	134239	41.402	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98694	50.333	ug/l	95
28) Bromochloromethane	5.01	49	72941	42.916	ug/l	97
29) Tetrahydrofuran	5.12	42	280817	254.317	ug/l	99
30) Chloroform	5.20	83	183965	48.588	ug/l	97
31) Cyclohexane	5.57	56	102240	51.373	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	157641	49.815	ug/l	99
36) 1,1-Dichloropropene	5.79	75	101806	49.556	ug/l	98
37) Ethyl Acetate	4.82	43	164842	52.274	ug/l	98
38) Carbon Tetrachloride	5.77	117	128715	50.377	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101906	51.027	ug/l	98
40) Benzene	6.13	78	335433	51.346	ug/l	99
41) Methacrylonitrile	5.03	41	96335	47.444	ug/l	97
42) 1,2-Dichloroethane	6.18	62	147154	48.566	ug/l	100
43) Isopropyl Acetate	6.43	43	286450	50.611	ug/l	100
44) Trichloroethene	7.20	130	88072	51.250	ug/l	96
45) 1,2-Dichloropropane	7.51	63	100596	50.122	ug/l	100
46) Dibromomethane	7.65	93	65767	50.637	ug/l	99
47) Bromodichloromethane	7.89	83	146429	50.634	ug/l	97
48) Methyl methacrylate	7.76	41	131995	49.474	ug/l	98
49) 1,4-Dioxane	7.73	88	65315	1005.865	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	927597	249.913	ug/l	99
52) Toluene	8.78	92	217571	51.685	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	154127	51.271	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	161103	51.766	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108835	50.184	ug/l	98
56) Ethyl methacrylate	9.17	69	175947	51.890	ug/l	98
57) 1,3-Dichloropropane	9.37	76	175670	50.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	473005	269.488	ug/l	100
59) 2-Hexanone	9.49	43	712743	246.137	ug/l	98
60) Dibromochloromethane	9.58	129	118667	53.718	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107214	54.129	ug/l	99
64) Tetrachloroethene	9.33	164	76434	54.959	ug/l	93
65) Chlorobenzene	10.14	112	256215	51.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	110933	53.360	ug/l	99
67) Ethyl Benzene	10.25	91	445384	51.752	ug/l	100
68) m/p-Xylenes	10.35	106	327432	104.566	ug/l	98
69) o-Xylene	10.70	106	170626	52.984	ug/l	99
70) Styrene	10.71	104	304239	53.397	ug/l	98
71) Bromoform	10.85	173	85571	47.931	ug/l #	98
73) Isopropylbenzene	11.01	105	471232	50.444	ug/l	99
74) N-amyl acetate	10.89	43	259527	51.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	183459	50.064	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172932m	50.565	ug/l	
77) Bromobenzene	11.25	156	119449	52.430	ug/l	97
78) n-propylbenzene	11.35	91	529312	50.838	ug/l	99
79) 2-Chlorotoluene	11.42	91	331044	48.874	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405945	50.954	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54501	44.137	ug/l	97
82) 4-Chlorotoluene	11.51	91	387795	49.885	ug/l	99
83) tert-Butylbenzene	11.77	119	423398	49.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	421355	51.509	ug/l	100
85) sec-Butylbenzene	11.94	105	475441	50.541	ug/l	98
86) p-Isopropyltoluene	12.06	119	439459	50.875	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	221075	51.585	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	225765	51.284	ug/l	99
89) n-Butylbenzene	12.39	91	379902	49.292	ug/l	99
90) Hexachloroethane	12.59	117	80534	50.847	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	233175	52.057	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48634	51.192	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156811	54.351	ug/l	100
94) Hexachlorobutadiene	13.78	225	64648	47.542	ug/l	98
95) Naphthalene	13.83	128	579339	56.433	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	162995	55.440	ug/l	99

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

