

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012597.D
 Acq On : 23 Sep 2019 11:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:07:23 AM

Quant Time: Sep 23 12:12:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	371126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	144419	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	106677	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	8.71	98	404598	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	157841	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	108868	79.343	ug/l	100
3) Chloromethane	1.32	50	125699	92.731	ug/l	100
4) Vinyl Chloride	1.40	62	126335	88.253	ug/l	100
5) Bromomethane	1.63	94	45699	79.662	ug/l	100
6) Chloroethane	1.71	64	80304	72.923	ug/l	100
7) Trichlorofluoromethane	1.92	101	175231	72.115	ug/l	100
8) Diethyl Ether	2.18	74	71904	66.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108506	63.473	ug/l	100
10) Methyl Iodide	2.50	142	110058	78.166	ug/l	100
11) Tert butyl alcohol	3.04	59	183955	233.333	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110537	76.863	ug/l	100
13) Acrolein	2.28	56	100942	317.066	ug/l	100
14) Allyl chloride	2.72	41	215316	67.214	ug/l	100
15) Acrylonitrile	3.13	53	374908	286.374	ug/l	100
16) Acetone	2.44	43	395512	260.059	ug/l	100
17) Carbon Disulfide	2.56	76	298220	129.977	ug/l	100
18) Methyl Acetate	2.76	43	177799	56.537	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	409954	56.702	ug/l	100
20) Methylene Chloride	2.84	84	126374	66.080	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	118288	78.576	ug/l	100
22) Diisopropyl ether	3.84	45	411652	56.907	ug/l	100
23) Vinyl Acetate	3.80	43	1860328	309.360	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225330	63.599	ug/l	100
25) 2-Butanone	4.66	43	561708	270.236	ug/l	100
26) 2,2-Dichloropropane	4.58	77	199044	58.181	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137844	64.790	ug/l	100
28) Bromochloromethane	5.00	49	82036	47.163	ug/l	100
29) Tetrahydrofuran	5.12	42	346818	298.361	ug/l	100
30) Chloroform	5.20	83	223000	56.019	ug/l	100
31) Cyclohexane	5.57	56	201916	83.627	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	204048	60.661	ug/l	100
36) 1,1-Dichloropropene	5.79	75	166079	68.845	ug/l	100
37) Ethyl Acetate	4.82	43	204212	58.331	ug/l	100
38) Carbon Tetrachloride	5.78	117	175422	60.578	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201395	81.964	ug/l	100
40) Benzene	6.14	78	500943	66.034	ug/l	100
41) Methacrylonitrile	5.03	41	112523	50.632	ug/l	100
42) 1,2-Dichloroethane	6.18	62	190693	56.217	ug/l	100
43) Isopropyl Acetate	6.43	43	333637	53.596	ug/l	100
44) Trichloroethene	7.21	130	126372	64.083	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127992	56.816	ug/l	100
46) Dibromomethane	7.65	93	86606	59.001	ug/l	100
47) Bromodichloromethane	7.89	83	178214	55.615	ug/l	100
48) Methyl methacrylate	7.76	41	163830	55.489	ug/l	100
49) 1,4-Dioxane	7.73	88	75571	1055.111	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1040435	257.143	ug/l	100
52) Toluene	8.78	92	316354	65.132	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	199495	59.292	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216689	61.618	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125822	52.583	ug/l	100
56) Ethyl methacrylate	9.17	69	216890	57.314	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217777	56.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	510260	263.563	ug/l	100
59) 2-Hexanone	9.49	43	822455	260.249	ug/l	100
60) Dibromochloromethane	9.58	129	133327	55.042	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133083	59.861	ug/l	100
64) Tetrachloroethene	9.33	164	108445	67.970	ug/l	100
65) Chlorobenzene	10.14	112	328928	59.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	121604	54.152	ug/l	100
67) Ethyl Benzene	10.25	91	606318	62.919	ug/l	100
68) m/p-Xylenes	10.35	106	455577	129.109	ug/l	100
69) o-Xylene	10.70	106	219392	61.294	ug/l	100
70) Styrene	10.71	104	379069	60.270	ug/l	100
71) Bromoform	10.85	173	87696	52.943	ug/l #	100
73) Isopropylbenzene	11.01	105	590681	60.116	ug/l	100
74) N-amyl acetate	10.89	43	291955	56.304	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	197353	52.651	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196698m	55.889	ug/l	
77) Bromobenzene	11.25	156	133451	56.436	ug/l	100
78) n-propylbenzene	11.35	91	665329	60.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	407984	57.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	499590	59.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69803	58.265	ug/l	100
82) 4-Chlorotoluene	11.51	91	474652	58.337	ug/l	100
83) tert-Butylbenzene	11.77	119	475192	54.083	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	505202	59.021	ug/l	100
85) sec-Butylbenzene	11.94	105	563023	57.617	ug/l	100
86) p-Isopropyltoluene	12.06	119	516967	57.690	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242436	54.800	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	244242	53.864	ug/l	100
89) n-Butylbenzene	12.39	91	453289	56.824	ug/l	100
90) Hexachloroethane	12.59	117	91339	56.191	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	244205	53.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52788	54.538	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	151257	51.971	ug/l	100
94) Hexachlorobutadiene	13.78	225	63936	46.977	ug/l	100
95) Naphthalene	13.83	128	574259	55.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154435	52.023	ug/l	100

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

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