

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012955.D
 Acq On : 09 Oct 2019 20:01
 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
 10/10/2019 9:33:19 AM

Quant Time: Oct 10 05:26:42 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	170432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	107548	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.48	113	86078	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	324531	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	126881	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	90554	52.125	ug/l	99
3) Chloromethane	1.32	50	96453	51.015	ug/l	97
4) Vinyl Chloride	1.40	62	98814	50.636	ug/l	98
5) Bromomethane	1.63	94	38759	47.780	ug/l	98
6) Chloroethane	1.71	64	61145	51.286	ug/l	99
7) Trichlorofluoromethane	1.92	101	140188	53.224	ug/l	98
8) Diethyl Ether	2.18	74	53813	50.617	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89055	52.243	ug/l	99
10) Methyl Iodide	2.50	142	96635	50.035	ug/l	99
11) Tert butyl alcohol	3.04	59	141115	249.897	ug/l	98
12) 1,1-Dichloroethene	2.36	96	88455	51.359	ug/l	92
13) Acrolein	2.28	56	84915	211.599	ug/l	99
14) Allyl chloride	2.72	41	158445	51.658	ug/l	99
15) Acrylonitrile	3.13	53	280081	261.725	ug/l	99
16) Acetone	2.43	43	240774	214.437	ug/l	100
17) Carbon Disulfide	2.56	76	239000	48.667	ug/l	100
18) Methyl Acetate	2.76	43	136480	51.282	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	318865	53.611	ug/l	98
20) Methylene Chloride	2.84	84	104071	50.434	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	96368	52.204	ug/l	99
22) Diisopropyl ether	3.84	45	315011	53.598	ug/l	95
23) Vinyl Acetate	3.80	43	1370181	270.056	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173852	52.580	ug/l	99
25) 2-Butanone	4.66	43	390146	250.454	ug/l	98
26) 2,2-Dichloropropane	4.57	77	133374	47.969	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111941	52.608	ug/l	98
28) Bromochloromethane	5.00	49	53151	53.824	ug/l	100
29) Tetrahydrofuran	5.11	42	250844	261.680	ug/l	99
30) Chloroform	5.20	83	177483	52.314	ug/l	100
31) Cyclohexane	5.57	56	159500	51.589	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	154650	53.798	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134288	52.111	ug/l	99
37) Ethyl Acetate	4.82	43	147165	51.071	ug/l	100
38) Carbon Tetrachloride	5.78	117	131268	52.334	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162572	52.020	ug/l	96
40) Benzene	6.14	78	403307	52.989	ug/l	98
41) Methacrylonitrile	5.03	41	81397	51.407	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144400	52.873	ug/l	99
43) Isopropyl Acetate	6.44	43	242805	52.499	ug/l	99
44) Trichloroethene	7.20	130	102691	48.655	ug/l	90
45) 1,2-Dichloropropane	7.51	63	102484	52.831	ug/l	98
46) Dibromomethane	7.65	93	68539	53.031	ug/l	100
47) Bromodichloromethane	7.89	83	135499	53.723	ug/l	99
48) Methyl methacrylate	7.76	41	118137	52.417	ug/l	99
49) 1,4-Dioxane	7.73	88	58542	969.046	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	757480	262.688	ug/l	100
52) Toluene	8.78	92	253521	52.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	149219	47.520	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166249	53.593	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101388	52.615	ug/l	100
56) Ethyl methacrylate	9.17	69	166432	48.297	ug/l	100
57) 1,3-Dichloropropane	9.37	76	172794	51.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	364762	257.672	ug/l	99
59) 2-Hexanone	9.48	43	582221	259.378	ug/l	100
60) Dibromochloromethane	9.57	129	103980	48.545	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105607	52.098	ug/l	99
64) Tetrachloroethene	9.33	164	91889	50.438	ug/l	91
65) Chlorobenzene	10.14	112	267286	51.243	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	96811	53.530	ug/l	98
67) Ethyl Benzene	10.25	91	486294	52.486	ug/l	98
68) m/p-Xylenes	10.36	106	367207	106.088	ug/l	99
69) o-Xylene	10.70	106	177410	52.559	ug/l	99
70) Styrene	10.71	104	307939	53.664	ug/l	100
71) Bromoform	10.86	173	71485	46.624	ug/l #	99
73) Isopropylbenzene	11.01	105	475841	52.937	ug/l	99
74) N-amyl acetate	10.89	43	210989	54.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	156267	52.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130296m	48.049	ug/l	
77) Bromobenzene	11.25	156	110135	51.995	ug/l	97
78) n-propylbenzene	11.35	91	533353	53.923	ug/l	99
79) 2-Chlorotoluene	11.42	91	324986	52.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	405761	54.060	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	49167	46.900	ug/l	98
82) 4-Chlorotoluene	11.51	91	379995	53.333	ug/l	100
83) tert-Butylbenzene	11.76	119	381523	52.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	408799	53.778	ug/l	100
85) sec-Butylbenzene	11.94	105	454697	53.604	ug/l	99
86) p-Isopropyltoluene	12.06	119	425624	54.102	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199757	50.783	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	202033	50.714	ug/l	99
89) n-Butylbenzene	12.39	91	352048	53.244	ug/l	99
90) Hexachloroethane	12.59	117	71428	49.063	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202031	52.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38765	55.320	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127253	52.679	ug/l	97
94) Hexachlorobutadiene	13.78	225	55505	49.788	ug/l	97
95) Naphthalene	13.83	128	465770	55.622	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	130276	52.187	ug/l	99

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

