

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012904.D
 Acq On : 08 Oct 2019 21:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:05 AM

Quant Time: Oct 09 03:58:39 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	179601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	112343	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.49	113	87947	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	340341	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	134599	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	96804	52.878	ug/l	98
3) Chloromethane	1.32	50	102267	51.329	ug/l	94
4) Vinyl Chloride	1.40	62	105155	51.135	ug/l	98
5) Bromomethane	1.63	94	40234	47.066	ug/l	99
6) Chloroethane	1.71	64	67095	53.388	ug/l	98
7) Trichlorofluoromethane	1.92	101	142810	51.452	ug/l	99
8) Diethyl Ether	2.18	74	57639	51.448	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92365	51.418	ug/l	99
10) Methyl Iodide	2.50	142	89891	44.763	ug/l	97
11) Tert butyl alcohol	3.03	59	154010	258.809	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93505	51.519	ug/l	98
13) Acrolein	2.28	56	96471	228.122	ug/l	99
14) Allyl chloride	2.72	41	168409	52.104	ug/l	98
15) Acrylonitrile	3.13	53	302613	268.344	ug/l	100
16) Acetone	2.44	43	261018	220.599	ug/l	99
17) Carbon Disulfide	2.56	76	253115	48.909	ug/l	98
18) Methyl Acetate	2.76	43	143868	51.298	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	337231	53.805	ug/l	98
20) Methylene Chloride	2.84	84	105591	48.558	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	100161	51.489	ug/l	100
22) Diisopropyl ether	3.84	45	330005	53.283	ug/l	95
23) Vinyl Acetate	3.80	43	1446399	270.524	ug/l	99
24) 1,1-Dichloroethane	3.69	63	184088	52.834	ug/l	100
25) 2-Butanone	4.66	43	425737	259.349	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140491	47.949	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	114130	50.898	ug/l	100
28) Bromochloromethane	5.00	49	55997	53.811	ug/l	99
29) Tetrahydrofuran	5.11	42	270610	267.888	ug/l	99
30) Chloroform	5.20	83	184685	51.657	ug/l	100
31) Cyclohexane	5.57	56	170175	52.232	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	161352	53.264	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140056	51.661	ug/l	100
37) Ethyl Acetate	4.82	43	156647	51.674	ug/l	99
38) Carbon Tetrachloride	5.78	117	137485	52.102	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170782	51.945	ug/l	97
40) Benzene	6.13	78	414198	51.729	ug/l	98
41) Methacrylonitrile	5.03	41	86783	52.098	ug/l	99
42) 1,2-Dichloroethane	6.18	62	149497	52.032	ug/l	99
43) Isopropyl Acetate	6.43	43	257291	52.880	ug/l	100
44) Trichloroethene	7.20	130	107679	48.496	ug/l	93
45) 1,2-Dichloropropane	7.51	63	106124	52.003	ug/l	99
46) Dibromomethane	7.65	93	70759	52.042	ug/l	99
47) Bromodichloromethane	7.89	83	140616	52.995	ug/l	99
48) Methyl methacrylate	7.76	41	125572	52.960	ug/l	98
49) 1,4-Dioxane	7.73	88	64954	1020.098	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	811314	267.444	ug/l	100
52) Toluene	8.78	92	262818	51.306	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	155565	47.110	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	172817	52.955	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105462	52.023	ug/l	99
56) Ethyl methacrylate	9.17	69	174790	48.217	ug/l	99
57) 1,3-Dichloropropane	9.37	76	178383	50.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	400311	268.801	ug/l	99
59) 2-Hexanone	9.48	43	627185	265.593	ug/l	100
60) Dibromochloromethane	9.58	129	106668	47.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111097	52.096	ug/l	99
64) Tetrachloroethene	9.33	164	96700	50.718	ug/l	96
65) Chlorobenzene	10.14	112	273675	50.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101464	53.608	ug/l	99
67) Ethyl Benzene	10.25	91	506447	52.230	ug/l	100
68) m/p-Xylenes	10.35	106	377247	104.142	ug/l	100
69) o-Xylene	10.70	106	183911	52.063	ug/l	100
70) Styrene	10.71	104	323351	53.844	ug/l	99
71) Bromoform	10.85	173	73260	45.722	ug/l #	99
73) Isopropylbenzene	11.01	105	489531	52.560	ug/l	99
74) N-amyl acetate	10.89	43	223010	55.597	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	159426	51.465	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	155019m	55.172	ug/l	
77) Bromobenzene	11.25	156	111048	50.597	ug/l	98
78) n-propylbenzene	11.35	91	548963	53.565	ug/l	99
79) 2-Chlorotoluene	11.42	91	339990	52.787	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	421615	54.213	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	50992	46.940	ug/l	99
82) 4-Chlorotoluene	11.51	91	389901	52.814	ug/l	100
83) tert-Butylbenzene	11.76	119	391310	51.581	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	409016	51.930	ug/l	96
85) sec-Butylbenzene	11.94	105	466435	53.070	ug/l	99
86) p-Isopropyltoluene	12.06	119	430965	52.870	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206215	50.597	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	208169	50.432	ug/l	99
89) n-Butylbenzene	12.39	91	372202	54.329	ug/l	100
90) Hexachloroethane	12.59	117	70890	47.084	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	205385	51.403	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40287	55.487	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	132318	52.865	ug/l	100
94) Hexachlorobutadiene	13.78	225	59097	51.161	ug/l	98
95) Naphthalene	13.83	128	479912	55.312	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134818	52.123	ug/l	99

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

