

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012927.D
 Acq On : 09 Oct 2019 07:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:40:27 AM

Quant Time: Oct 09 08:15:06 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	167910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111181	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
35) Dibromofluoromethane	5.49	113	86239	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
50) Toluene-d8	8.71	98	331380	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	128006	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	93363	54.549	ug/l	99
3) Chloromethane	1.32	50	98162	52.699	ug/l	97
4) Vinyl Chloride	1.40	62	100663	52.358	ug/l	96
5) Bromomethane	1.63	94	39434	49.342	ug/l	97
6) Chloroethane	1.71	64	62933	53.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	141836	54.659	ug/l	99
8) Diethyl Ether	2.18	74	56081	53.542	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88652	52.787	ug/l	100
10) Methyl Iodide	2.50	142	102754	53.600	ug/l	100
11) Tert butyl alcohol	3.03	59	143232	257.456	ug/l	98
12) 1,1-Dichloroethene	2.36	96	91266	53.787	ug/l	94
13) Acrolein	2.28	56	88552	223.976	ug/l	100
14) Allyl chloride	2.72	41	157721	52.195	ug/l	99
15) Acrylonitrile	3.13	53	291475	276.464	ug/l	99
16) Acetone	2.43	43	247710	223.928	ug/l	98
17) Carbon Disulfide	2.56	76	247782	51.213	ug/l	100
18) Methyl Acetate	2.76	43	142400	54.310	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330053	56.326	ug/l	98
20) Methylene Chloride	2.84	84	104964	51.630	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	97443	53.579	ug/l	98
22) Diisopropyl ether	3.84	45	323233	55.823	ug/l	95
23) Vinyl Acetate	3.80	43	1388325	277.742	ug/l	99
24) 1,1-Dichloroethane	3.69	63	180852	55.519	ug/l	99
25) 2-Butanone	4.66	43	396777	258.536	ug/l	100
26) 2,2-Dichloropropane	4.57	77	103085	37.632	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	113334	54.062	ug/l	97
28) Bromochloromethane	5.00	49	55942	57.532	ug/l	98
29) Tetrahydrofuran	5.11	42	258998	274.245	ug/l	99
30) Chloroform	5.20	83	181946	54.435	ug/l	99
31) Cyclohexane	5.57	56	161622	53.061	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	160041	56.510	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135141	52.192	ug/l	99
37) Ethyl Acetate	4.82	43	153343	52.962	ug/l	99
38) Carbon Tetrachloride	5.77	117	136962	54.344	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165066	52.566	ug/l	100
40) Benzene	6.13	78	412308	53.914	ug/l	100
41) Methacrylonitrile	5.03	41	83966	52.777	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148957	54.281	ug/l	99
43) Isopropyl Acetate	6.43	43	250376	53.878	ug/l	100
44) Trichloroethene	7.21	130	107930	50.894	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104191	53.456	ug/l	100
46) Dibromomethane	7.65	93	70159	54.026	ug/l	100
47) Bromodichloromethane	7.89	83	139653	55.106	ug/l	96
48) Methyl methacrylate	7.76	41	121343	53.583	ug/l	100
49) 1,4-Dioxane	7.73	88	60437	994.685	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	774324	267.250	ug/l	100
52) Toluene	8.78	92	260301	53.203	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145923	46.307	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	163337	52.403	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104750	54.101	ug/l	99
56) Ethyl methacrylate	9.17	69	172875	49.866	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177719	53.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	381100	267.931	ug/l	100
59) 2-Hexanone	9.49	43	594680	263.667	ug/l	100
60) Dibromochloromethane	9.58	129	107308	49.810	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109139	53.584	ug/l	100
64) Tetrachloroethene	9.33	164	98397	53.805	ug/l	95
65) Chlorobenzene	10.14	112	269660	51.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99997	55.081	ug/l	99
67) Ethyl Benzene	10.25	91	493807	53.094	ug/l	99
68) m/p-Xylenes	10.35	106	374756	107.857	ug/l	100
69) o-Xylene	10.70	106	182172	53.765	ug/l	99
70) Styrene	10.71	104	315360	54.749	ug/l	99
71) Bromoform	10.85	173	73106	47.441	ug/l #	98
73) Isopropylbenzene	11.01	105	489653	54.136	ug/l	100
74) N-amyl acetate	10.89	43	217237	55.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	160335	53.297	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149370m	54.742	ug/l	
77) Bromobenzene	11.25	156	112558	52.810	ug/l	98
78) n-propylbenzene	11.35	91	535294	53.784	ug/l	99
79) 2-Chlorotoluene	11.42	91	333570	53.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	417519	55.283	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	44133	42.278	ug/l	98
82) 4-Chlorotoluene	11.51	91	386413	53.898	ug/l	99
83) tert-Butylbenzene	11.76	119	393379	53.395	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	416928	54.508	ug/l	99
85) sec-Butylbenzene	11.94	105	460127	53.908	ug/l	99
86) p-Isopropyltoluene	12.06	119	429826	54.298	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	204832	51.751	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	205560	51.281	ug/l	99
89) n-Butylbenzene	12.39	91	356954	53.652	ug/l	98
90) Hexachloroethane	12.59	117	73867	50.365	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205454	52.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39828	56.486	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	130008	53.486	ug/l	99
94) Hexachlorobutadiene	13.78	225	56625	50.478	ug/l	100
95) Naphthalene	13.83	128	462054	54.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132681	52.822	ug/l	99

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

