

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX111219\
 Data File : VX013382.D
 Acq On : 12 Nov 2019 13:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:38:22 AM

Quant Time: Nov 13 02:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	719576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1062071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	970312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	388961	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
35) Dibromofluoromethane	5.48	113	323003	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1251705	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	452016	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	397113	47.897	ug/l	100
3) Chloromethane	1.31	50	422440	46.985	ug/l	99
4) Vinyl Chloride	1.40	62	493855	48.247	ug/l	100
5) Bromomethane	1.62	94	294095	41.229	ug/l	100
6) Chloroethane	1.71	64	269762	46.008	ug/l	100
7) Trichlorofluoromethane	1.92	101	539007	44.571	ug/l	99
8) Diethyl Ether	2.17	74	248660	46.498	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	341887	50.723	ug/l	98
10) Methyl Iodide	2.50	142	403135	48.308	ug/l	98
11) Tert butyl alcohol	3.03	59	439090	195.421	ug/l	100
12) 1,1-Dichloroethene	2.36	96	329793	49.964	ug/l	99
13) Acrolein	2.28	56	335769	275.728	ug/l	97
14) Allyl chloride	2.72	41	606381	50.561	ug/l	97
15) Acrylonitrile	3.12	53	1011304	240.952	ug/l	99
16) Acetone	2.43	43	1266445	297.841	ug/l	97
17) Carbon Disulfide	2.56	76	860768	48.723	ug/l	98
18) Methyl Acetate	2.76	43	579694	49.382	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1118906	50.825	ug/l	98
20) Methylene Chloride	2.84	84	369625	47.049	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	355389	49.450	ug/l	97
22) Diisopropyl ether	3.84	45	1188958	51.350	ug/l	98
23) Vinyl Acetate	3.79	43	4972858	250.995	ug/l	99
24) 1,1-Dichloroethane	3.68	63	648600	50.076	ug/l	99
25) 2-Butanone	4.65	43	1663930	266.747	ug/l	98
26) 2,2-Dichloropropane	4.56	77	545845	52.974	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	407094	50.566	ug/l	100
28) Bromochloromethane	5.00	49	180996	49.216	ug/l	97
29) Tetrahydrofuran	5.11	42	906866	235.916	ug/l	100
30) Chloroform	5.19	83	629627	49.229	ug/l	97
31) Cyclohexane	5.56	56	583090	50.030	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	545880	49.595	ug/l	99
36) 1,1-Dichloropropene	5.78	75	477969	52.459	ug/l	99
37) Ethyl Acetate	4.81	43	544486	48.362	ug/l	100
38) Carbon Tetrachloride	5.77	117	469039	52.644	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	609590	53.695	ug/l	97
40) Benzene	6.13	78	1471383	51.843	ug/l	99
41) Methacrylonitrile	5.02	41	312771	49.565	ug/l	98
42) 1,2-Dichloroethane	6.18	62	513099	50.121	ug/l	99
43) Isopropyl Acetate	6.43	43	903794	51.553	ug/l	99
44) Trichloroethene	7.20	130	397393	50.867	ug/l	97
45) 1,2-Dichloropropane	7.50	63	380266	52.585	ug/l	100
46) Dibromomethane	7.65	93	249720	50.577	ug/l	99
47) Bromodichloromethane	7.89	83	504912	54.230	ug/l	95
48) Methyl methacrylate	7.76	41	456053	52.113	ug/l	97
49) 1,4-Dioxane	7.73	88	178701	891.659	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2839637	246.879	ug/l	99
52) Toluene	8.78	92	924236	52.542	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	566730	55.666	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	621119	54.539	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	375971	51.566	ug/l	98
56) Ethyl methacrylate	9.17	69	621347	49.920	ug/l	96
57) 1,3-Dichloropropane	9.36	76	642079	51.877	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1271200	254.990	ug/l	100
59) 2-Hexanone	9.48	43	2367271	266.327	ug/l	98
60) Dibromochloromethane	9.57	129	408039	54.720	ug/l	100
61) 1,2-Dibromoethane	9.67	107	396713	51.240	ug/l	99
64) Tetrachloroethene	9.33	164	355943	51.243	ug/l	98
65) Chlorobenzene	10.13	112	998311	50.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	374977	51.987	ug/l	100
67) Ethyl Benzene	10.25	91	1793277	52.893	ug/l	99
68) m/p-Xylenes	10.35	106	1362185	106.236	ug/l	100
69) o-Xylene	10.70	106	665941	53.049	ug/l	99
70) Styrene	10.71	104	1136823	54.174	ug/l	99
71) Bromoform	10.85	173	318629	47.794	ug/l #	98
73) Isopropylbenzene	11.01	105	1758876	53.000	ug/l	99
74) N-amyl acetate	10.89	43	816991	53.089	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	602422	49.759	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	485528m	47.758	ug/l	
77) Bromobenzene	11.25	156	455172	51.449	ug/l	98
78) n-propylbenzene	11.35	91	2016108	54.537	ug/l	99
79) 2-Chlorotoluene	11.42	91	1173191	52.674	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1491706	53.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	210209	53.221	ug/l	95
82) 4-Chlorotoluene	11.51	91	1372719	52.650	ug/l	100
83) tert-Butylbenzene	11.76	119	1518441	54.569	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1496128	53.955	ug/l	99
85) sec-Butylbenzene	11.94	105	1752562	54.801	ug/l	100
86) p-Isopropyltoluene	12.06	119	1618359	54.956	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	823332	52.209	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	820455	51.064	ug/l	99
89) n-Butylbenzene	12.38	91	1438329	55.976	ug/l	99
90) Hexachloroethane	12.59	117	290051	55.281	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	822073	52.150	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130614	44.282	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	596486	54.247	ug/l	98
94) Hexachlorobutadiene	13.78	225	283526	52.704	ug/l	99
95) Naphthalene	13.83	128	1800837	52.199	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	589791	53.484	ug/l	99

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

