

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013436.D
 Acq On : 15 Nov 2019 11:10
 Operator : JC/SP
 Sample : VX1115WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 10:24:12 AM

Quant Time: Nov 15 23:26:27 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	688663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1036531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	928892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	407628	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.48	113	338052	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.71	98	1311115	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.13	95	466020	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	154689	19.495	ug/l	96
3) Chloromethane	1.31	50	168019	19.526	ug/l	99
4) Vinyl Chloride	1.40	62	195031	19.909	ug/l	99
5) Bromomethane	1.62	94	116674	17.091	ug/l	98
6) Chloroethane	1.72	64	109090	18.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	216820	18.734	ug/l	98
8) Diethyl Ether	2.17	74	102662	20.059	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140635	21.801	ug/l	95
10) Methyl Iodide	2.50	142	154321	19.323	ug/l	98
11) Tert butyl alcohol	3.03	59	186972	86.949	ug/l	98
12) 1,1-Dichloroethene	2.36	96	129726	20.536	ug/l	98
13) Acrolein	2.28	56	117648	100.947	ug/l	98
14) Allyl chloride	2.72	41	241424	21.034	ug/l	95
15) Acrylonitrile	3.12	53	427702	106.478	ug/l	98
16) Acetone	2.43	43	397942	97.789	ug/l	100
17) Carbon Disulfide	2.56	76	328478	19.428	ug/l	100
18) Methyl Acetate	2.76	43	240341	21.393	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	448351	21.280	ug/l	97
20) Methylene Chloride	2.84	84	152150	20.236	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	140842	20.477	ug/l	100
22) Diisopropyl ether	3.84	45	490084	22.117	ug/l	93
23) Vinyl Acetate	3.80	43	1991306	105.019	ug/l	99
24) 1,1-Dichloroethane	3.69	63	263980	21.296	ug/l	99
25) 2-Butanone	4.65	43	606249	101.551	ug/l	99
26) 2,2-Dichloropropane	4.57	77	215620	21.865	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	167710	21.767	ug/l	99
28) Bromochloromethane	5.00	49	78883	22.412	ug/l	95
29) Tetrahydrofuran	5.11	42	381333	103.654	ug/l	99
30) Chloroform	5.19	83	264773	21.631	ug/l	99
31) Cyclohexane	5.56	56	233131	20.901	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	214382	20.352	ug/l	99
36) 1,1-Dichloropropene	5.79	75	194631	21.888	ug/l	98
37) Ethyl Acetate	4.81	43	226773	20.639	ug/l	99
38) Carbon Tetrachloride	5.78	117	182372	20.973	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	234748	21.187	ug/l	96
40) Benzene	6.13	78	591148	21.342	ug/l	99
41) Methacrylonitrile	5.03	41	129173	20.974	ug/l	97
42) 1,2-Dichloroethane	6.19	62	207799	20.798	ug/l	98
43) Isopropyl Acetate	6.43	43	362607	21.193	ug/l	99
44) Trichloroethene	7.20	130	158678	20.812	ug/l	99
45) 1,2-Dichloropropane	7.51	63	153567	21.759	ug/l	97
46) Dibromomethane	7.65	93	99294	20.606	ug/l	98
47) Bromodichloromethane	7.89	83	195725	21.540	ug/l	99
48) Methyl methacrylate	7.76	41	180062	21.082	ug/l	99
49) 1,4-Dioxane	7.73	88	76431	390.762	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1175803	104.744	ug/l	99
52) Toluene	8.78	92	376401	21.925	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	214849	21.623	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	241439	21.723	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	153243	21.536	ug/l	99
56) Ethyl methacrylate	9.17	69	244372	21.050	ug/l	97
57) 1,3-Dichloropropane	9.37	76	261886	21.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	498320	102.421	ug/l	99
59) 2-Hexanone	9.48	43	905133	104.340	ug/l	100
60) Dibromochloromethane	9.57	129	154878	21.282	ug/l	98
61) 1,2-Dibromoethane	9.67	107	158849	21.023	ug/l	98
64) Tetrachloroethene	9.33	164	141939	21.345	ug/l	98
65) Chlorobenzene	10.14	112	407487	21.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	148724	21.539	ug/l	99
67) Ethyl Benzene	10.25	91	708498	21.829	ug/l	99
68) m/p-Xylenes	10.36	106	542161	44.168	ug/l	100
69) o-Xylene	10.70	106	259468	21.591	ug/l	100
70) Styrene	10.71	104	447210	22.262	ug/l	98
71) Bromoform	10.85	173	118247	20.489	ug/l #	28
73) Isopropylbenzene	11.01	105	702540	22.682	ug/l	100
74) N-amyl acetate	10.89	43	316251	22.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	247844	21.934	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196553m	20.715	ug/l	
77) Bromobenzene	11.25	156	183585	22.234	ug/l	98
78) n-propylbenzene	11.35	91	789156	22.873	ug/l	99
79) 2-Chlorotoluene	11.42	91	471682	22.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	590106	22.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	75766	20.553	ug/l	98
82) 4-Chlorotoluene	11.51	91	538690	22.138	ug/l	99
83) tert-Butylbenzene	11.76	119	595460	22.928	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	585821	22.636	ug/l	99
85) sec-Butylbenzene	11.94	105	686968	23.016	ug/l	100
86) p-Isopropyltoluene	12.06	119	635763	23.132	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323847	22.003	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	324462	21.637	ug/l	99
89) n-Butylbenzene	12.39	91	542512	22.622	ug/l	99
90) Hexachloroethane	12.59	117	109261	22.312	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325673	22.136	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51251	18.617	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	221922	21.625	ug/l	100
94) Hexachlorobutadiene	13.78	225	112161	22.339	ug/l	99
95) Naphthalene	13.83	128	674825	20.958	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	223455	21.712	ug/l	99

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

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