

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013504.D
 Acq On : 21 Nov 2019 15:36
 Operator : JC/SP
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 8:44:21 AM

Quant Time: Nov 22 03:50:02 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	741112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1142630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1022311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	497325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	359111	40.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.80%	
35) Dibromofluoromethane	5.48	113	295269	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	
50) Toluene-d8	8.71	98	1105709	40.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.86%	
62) 4-Bromofluorobenzene	11.14	95	394997	40.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	124026	14.524	ug/l	100
3) Chloromethane	1.32	50	140462	15.168	ug/l	96
4) Vinyl Chloride	1.40	62	166755	15.818	ug/l	97
5) Bromomethane	1.63	94	82010	11.163	ug/l	99
6) Chloroethane	1.72	64	99420	15.680	ug/l	97
7) Trichlorofluoromethane	1.92	101	190180	15.269	ug/l	98
8) Diethyl Ether	2.18	74	93934	17.055	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118933	17.132	ug/l	99
10) Methyl Iodide	2.50	142	70285	8.178	ug/l	98
11) Tert butyl alcohol	3.03	59	193361	83.556	ug/l	99
12) 1,1-Dichloroethene	2.36	96	117398	17.269	ug/l	100
13) Acrolein	2.28	56	85213	67.942	ug/l	97
14) Allyl chloride	2.72	41	219637	17.782	ug/l	96
15) Acrylonitrile	3.13	53	395247	91.435	ug/l	100
16) Acetone	2.43	43	347931	79.448	ug/l	100
17) Carbon Disulfide	2.56	76	258826	14.225	ug/l	97
18) Methyl Acetate	2.76	43	235949	19.515	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	428458	18.897	ug/l	97
20) Methylene Chloride	2.85	84	140854	17.408	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	126594	17.103	ug/l	96
22) Diisopropyl ether	3.84	45	447653	18.772	ug/l	98
23) Vinyl Acetate	3.80	43	1837759	90.062	ug/l	100
24) 1,1-Dichloroethane	3.69	63	238813	17.902	ug/l	97
25) 2-Butanone	4.65	43	563042	87.639	ug/l	100
26) 2,2-Dichloropropane	4.58	77	192953	18.182	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	150905	18.200	ug/l	99
28) Bromochloromethane	5.00	49	66619	17.588	ug/l	96
29) Tetrahydrofuran	5.11	42	361952	91.423	ug/l	98
30) Chloroform	5.20	83	240509	18.258	ug/l	100
31) Cyclohexane	5.57	56	197790	16.477	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	199779	17.623	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165831	16.917	ug/l	97
37) Ethyl Acetate	4.82	43	215559	17.797	ug/l	100
38) Carbon Tetrachloride	5.78	117	162443	16.947	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201624	16.508	ug/l	95
40) Benzene	6.14	78	539765	17.677	ug/l	96
41) Methacrylonitrile	5.03	41	119434	17.592	ug/l	98
42) 1,2-Dichloroethane	6.18	62	192072	17.439	ug/l	98
43) Isopropyl Acetate	6.44	43	349446	18.527	ug/l	99
44) Trichloroethene	7.20	130	142771	16.987	ug/l	97
45) 1,2-Dichloropropane	7.51	63	140363	18.042	ug/l	99
46) Dibromomethane	7.65	93	92369	17.389	ug/l	97
47) Bromodichloromethane	7.89	83	180383	18.008	ug/l	96
48) Methyl methacrylate	7.76	41	171877	18.256	ug/l	99
49) 1,4-Dioxane	7.73	88	74016	343.277	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1121935	90.665	ug/l	99
52) Toluene	8.78	92	333950	17.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	197283	18.011	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	222218	18.137	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	142270	18.137	ug/l	98
56) Ethyl methacrylate	9.17	69	230724	18.254	ug/l	95
57) 1,3-Dichloropropane	9.37	76	241849	18.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	475553	88.666	ug/l	99
59) 2-Hexanone	9.48	43	861875	90.128	ug/l	99
60) Dibromochloromethane	9.58	129	145502	18.137	ug/l	98
61) 1,2-Dibromoethane	9.67	107	149991	18.007	ug/l	99
64) Tetrachloroethene	9.33	164	127046	17.360	ug/l	98
65) Chlorobenzene	10.14	112	363819	17.578	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	135746	17.863	ug/l	99
67) Ethyl Benzene	10.25	91	636762	17.826	ug/l	100
68) m/p-Xylenes	10.36	106	484310	35.850	ug/l	100
69) o-Xylene	10.70	106	240677	18.197	ug/l	98
70) Styrene	10.71	104	403267	18.240	ug/l	99
71) Bromoform	10.85	173	110665	17.902	ug/l #	100
73) Isopropylbenzene	11.01	105	637362	19.330	ug/l	99
74) N-amyl acetate	10.89	43	301273	19.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231247	19.224	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	183656m	18.181	ug/l	
77) Bromobenzene	11.25	156	165926	18.876	ug/l	99
78) n-propylbenzene	11.35	91	705051	19.195	ug/l	100
79) 2-Chlorotoluene	11.42	91	421089	19.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	530389	19.311	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	68528	17.462	ug/l	98
82) 4-Chlorotoluene	11.51	91	482776	18.636	ug/l	99
83) tert-Butylbenzene	11.76	119	544502	19.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	541479	19.653	ug/l	99
85) sec-Butylbenzene	11.94	105	608268	19.143	ug/l	99
86) p-Isopropyltoluene	12.06	119	558369	19.083	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	287229	18.331	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	293675	18.396	ug/l	99
89) n-Butylbenzene	12.39	91	464570	18.196	ug/l	99
90) Hexachloroethane	12.59	117	97026	18.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	294580	18.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	50056	17.080	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	199164	18.230	ug/l	100
94) Hexachlorobutadiene	13.78	225	91570	17.132	ug/l	97
95) Naphthalene	13.83	128	638403	18.624	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203523	18.575	ug/l	98

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

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