

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009204.D
 Acq On : 29 Apr 2019 13:20
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:03:35 AM

Quant Time: Apr 30 06:50:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	251468	93.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.70%	
35) Dibromofluoromethane	5.49	113	189023	94.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.76%	
50) Toluene-d8	8.71	98	770117	96.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.42%	
62) 4-Bromofluorobenzene	11.13	95	294537	104.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	184131	87.317	ug/l 99
3) Chloromethane	1.32	50	238178	89.676	ug/l 100
4) Vinyl Chloride	1.41	62	240863	93.416	ug/l 98
5) Bromomethane	1.64	94	147949	88.039	ug/l 98
6) Chloroethane	1.70	64	150495	98.353	ug/l 99
7) Trichlorofluoromethane	1.92	101	289105	95.454	ug/l 99
8) Diethyl Ether	2.18	74	132176	94.843	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	181420	93.497	ug/l 100
10) Methyl Iodide	2.51	142	221936	115.567	ug/l 99
11) Tert butyl alcohol	3.06	59	307475	513.706	ug/l 100
12) 1,1-Dichloroethene	2.37	96	185673	92.011	ug/l 96
13) Acrolein	2.29	56	268979	521.693	ug/l 99
14) Allyl chloride	2.72	41	442270	99.997	ug/l 99
15) Acrylonitrile	3.14	53	739602	492.109	ug/l 100
16) Acetone	2.45	43	687918	496.366	ug/l 99
17) Carbon Disulfide	2.56	76	534271	85.937	ug/l 100
18) Methyl Acetate	2.78	43	326032	94.089	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	706664	97.641	ug/l 100
20) Methylene Chloride	2.85	84	220107	92.630	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	197661	91.748	ug/l 100
22) Diisopropyl ether	3.85	45	842564	97.629	ug/l 99
23) Vinyl Acetate	3.81	43	3770147	499.700	ug/l 100
24) 1,1-Dichloroethane	3.70	63	413472	95.647	ug/l 100
25) 2-Butanone	4.68	43	1126870	509.445	ug/l 99
26) 2,2-Dichloropropane	4.58	77	315073	97.182	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	234139	95.348	ug/l 99
28) Bromochloromethane	5.01	49	165397	81.400	ug/l 99
29) Tetrahydrofuran	5.13	42	721699	487.957	ug/l 100
30) Chloroform	5.21	83	376533	97.277	ug/l 100
31) Cyclohexane	5.57	56	396207	93.708	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	317528	99.103	ug/l 100
36) 1,1-Dichloropropene	5.80	75	295573	93.267	ug/l 100
37) Ethyl Acetate	4.84	43	412867	101.208	ug/l 99
38) Carbon Tetrachloride	5.78	117	268060	99.312	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	366126	95.004	ug/l	99
40) Benzene	6.14	78	897399	95.675	ug/l	99
41) Methacrylonitrile	5.04	41	237159	100.764	ug/l	100
42) 1,2-Dichloroethane	6.19	62	318609	95.868	ug/l	99
43) Isopropyl Acetate	6.45	43	669459	101.471	ug/l	100
44) Trichloroethene	7.21	130	215625	93.949	ug/l	100
45) 1,2-Dichloropropane	7.51	63	256412	98.379	ug/l	99
46) Dibromomethane	7.66	93	146716	96.834	ug/l	99
47) Bromodichloromethane	7.90	83	302725	101.642	ug/l	97
48) Methyl methacrylate	7.77	41	337948	103.687	ug/l	100
49) 1,4-Dioxane	7.74	88	124697	2000.648	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2191956	519.552	ug/l	100
52) Toluene	8.79	92	551527	97.891	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363787	106.700	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	390694	101.977	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	222330	99.298	ug/l	97
56) Ethyl methacrylate	9.18	69	426953	106.480	ug/l	99
57) 1,3-Dichloropropane	9.37	76	392876	98.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1079112	498.252	ug/l	99
59) 2-Hexanone	9.49	43	1695428	518.541	ug/l	100
60) Dibromochloromethane	9.58	129	232676	108.441	ug/l	98
61) 1,2-Dibromoethane	9.67	107	229873	99.892	ug/l	100
64) Tetrachloroethene	9.34	164	190396	89.397	ug/l	100
65) Chlorobenzene	10.14	112	575478	96.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	210624	100.100	ug/l	99
67) Ethyl Benzene	10.25	91	1069641	98.009	ug/l	99
68) m/p-Xylenes	10.36	106	786625	197.755	ug/l	98
69) o-Xylene	10.70	106	385492	99.601	ug/l	100
70) Styrene	10.71	104	689082	102.513	ug/l	99
71) Bromoform	10.85	173	184378	109.757	ug/l	# 100
73) Isopropylbenzene	11.02	105	1025504	94.923	ug/l	99
74) N-amyl acetate	10.90	43	616659	98.889	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	374574	94.339	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	318842m	91.399	ug/l	
77) Bromobenzene	11.26	156	261318	95.834	ug/l	98
78) n-propylbenzene	11.36	91	1212104	97.950	ug/l	100
79) 2-Chlorotoluene	11.42	91	716030	95.772	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	877153	96.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141440	105.095	ug/l	98
82) 4-Chlorotoluene	11.51	91	835013	96.244	ug/l	100
83) tert-Butylbenzene	11.77	119	852411	97.557	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	893036	96.634	ug/l	100
85) sec-Butylbenzene	11.94	105	1020026	98.094	ug/l	100
86) p-Isopropyltoluene	12.06	119	933575	97.723	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	461131	96.238	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	464857	95.652	ug/l	100
89) n-Butylbenzene	12.38	91	876078	99.044	ug/l	100
90) Hexachloroethane	12.60	117	164229	104.100	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	454782	95.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87799	96.659	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330678	96.847	ug/l	99
94) Hexachlorobutadiene	13.78	225	163401	95.902	ug/l	100
95) Naphthalene	13.83	128	1066920	97.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325486	96.176	ug/l	100

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

