

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012605.D
 Acq On : 23 Sep 2019 15:33
 Operator : JC/SP
 Sample : VX0923WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:05:53 AM

Quant Time: Sep 24 02:15:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	326980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	136880	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
35) Dibromofluoromethane	5.49	113	100926	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.71	98	381574	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	144036	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	39543	19.185	ug/l	99
3) Chloromethane	1.32	50	46679	19.722	ug/l	99
4) Vinyl Chloride	1.40	62	46414	19.730	ug/l	97
5) Bromomethane	1.63	94	22536	24.365	ug/l	99
6) Chloroethane	1.72	64	29507	18.606	ug/l	96
7) Trichlorofluoromethane	1.92	101	65804	19.923	ug/l	99
8) Diethyl Ether	2.18	74	26021	19.224	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39750	19.759	ug/l	96
10) Methyl Iodide	2.50	142	32279	18.675	ug/l	96
11) Tert butyl alcohol	3.03	59	66755	100.160	ug/l	99
12) 1,1-Dichloroethene	2.36	96	39515	20.059	ug/l	99
13) Acrolein	2.28	56	33790	97.519	ug/l	95
14) Allyl chloride	2.72	41	79366	20.307	ug/l	98
15) Acrylonitrile	3.13	53	141067	104.327	ug/l	98
16) Acetone	2.44	43	146992	104.014	ug/l	98
17) Carbon Disulfide	2.56	76	104987	19.010	ug/l	99
18) Methyl Acetate	2.76	43	67786	20.371	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	150987	20.250	ug/l	99
20) Methylene Chloride	2.85	84	46573	19.485	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	43122	19.759	ug/l	93
22) Diisopropyl ether	3.84	45	151485	20.059	ug/l	95
23) Vinyl Acetate	3.80	43	679701	102.632	ug/l	99
24) 1,1-Dichloroethane	3.69	63	82910	20.197	ug/l	98
25) 2-Butanone	4.66	43	209446	103.363	ug/l	99
26) 2,2-Dichloropropane	4.58	77	72537	19.868	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	49573	19.577	ug/l	98
28) Bromochloromethane	5.00	49	28849	19.355	ug/l	100
29) Tetrahydrofuran	5.12	42	128202	103.804	ug/l	97
30) Chloroform	5.20	83	83083	19.783	ug/l	99
31) Cyclohexane	5.57	56	74145	19.965	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	73676	19.794	ug/l	100
36) 1,1-Dichloropropene	5.79	75	60769	19.281	ug/l	98
37) Ethyl Acetate	4.83	43	73827	20.036	ug/l	96
38) Carbon Tetrachloride	5.78	117	61945	19.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72914	19.217	ug/l	99
40) Benzene	6.14	78	182806	19.713	ug/l	97
41) Methacrylonitrile	5.03	41	41133	19.896	ug/l	94
42) 1,2-Dichloroethane	6.18	62	70434	20.001	ug/l	99
43) Isopropyl Acetate	6.43	43	119876	19.454	ug/l	98
44) Trichloroethene	7.21	130	46215	19.494	ug/l	89
45) 1,2-Dichloropropane	7.51	63	46949	19.775	ug/l	100
46) Dibromomethane	7.65	93	32186	19.911	ug/l	93
47) Bromodichloromethane	7.89	83	62294	19.282	ug/l	100
48) Methyl methacrylate	7.76	41	59409	20.107	ug/l	96
49) 1,4-Dioxane	7.73	88	27777	414.480	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	385183	101.266	ug/l	97
52) Toluene	8.78	92	114984	19.728	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70385	19.691	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	77468	19.849	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	45614	19.685	ug/l	98
56) Ethyl methacrylate	9.17	69	75522	19.400	ug/l	98
57) 1,3-Dichloropropane	9.37	76	80901	19.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	187644	107.384	ug/l	99
59) 2-Hexanone	9.49	43	301801	103.659	ug/l	96
60) Dibromochloromethane	9.58	129	44961	19.168	ug/l	97
61) 1,2-Dibromoethane	9.67	107	48749	20.215	ug/l	100
64) Tetrachloroethene	9.33	164	39708	19.625	ug/l	96
65) Chlorobenzene	10.14	112	119101	19.490	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	43466	19.631	ug/l	97
67) Ethyl Benzene	10.24	91	220061	19.854	ug/l	98
68) m/p-Xylenes	10.35	106	163582	39.399	ug/l	99
69) o-Xylene	10.70	106	78570	19.557	ug/l	98
70) Styrene	10.71	104	133372	19.803	ug/l	99
71) Bromoform	10.85	173	29083	18.864	ug/l #	98
73) Isopropylbenzene	11.01	105	212412	20.061	ug/l	100
74) N-amyl acetate	10.89	43	102169	20.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	70434	20.086	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	70110m	20.388	ug/l	
77) Bromobenzene	11.25	156	47406	19.782	ug/l	96
78) n-propylbenzene	11.35	91	236058	19.803	ug/l	99
79) 2-Chlorotoluene	11.42	91	146887	19.753	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	178234	20.074	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22007	18.340	ug/l	92
82) 4-Chlorotoluene	11.51	91	166049	19.588	ug/l	100
83) tert-Butylbenzene	11.77	119	170310	19.884	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	179285	20.016	ug/l	99
85) sec-Butylbenzene	11.95	105	196951	19.770	ug/l	99
86) p-Isopropyltoluene	12.06	119	181247	20.163	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83380	19.334	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	85205	19.552	ug/l	98
89) n-Butylbenzene	12.38	91	152598	19.265	ug/l	100
90) Hexachloroethane	12.59	117	29919	18.670	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	86705	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18081	20.613	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50581	19.210	ug/l	99
94) Hexachlorobutadiene	13.78	225	21125	18.649	ug/l	94
95) Naphthalene	13.83	128	197307	20.711	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	51507	19.528	ug/l	100

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

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