

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012410.D
 Acq On : 16 Sep 2019 17:09
 Operator : JC/SP
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:19:10 AM

Quant Time: Sep 17 05:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	193618	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	179646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	132280	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.48	113	96222	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	353156	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.13	95	142425	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23515	19.660	ug/l	100
3) Chloromethane	1.32	50	18817	19.481	ug/l	99
4) Vinyl Chloride	1.40	62	20146	19.097	ug/l	98
5) Bromomethane	1.62	94	9657	21.486	ug/l	95
6) Chloroethane	1.71	64	13904	19.894	ug/l	99
7) Trichlorofluoromethane	1.92	101	38723	19.990	ug/l	98
8) Diethyl Ether	2.17	74	15352	18.195	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29074	20.842	ug/l	98
10) Methyl Iodide	2.50	142	22341	16.755	ug/l	99
11) Tert butyl alcohol	3.03	59	62222	95.666	ug/l	100
12) 1,1-Dichloroethene	2.36	96	22109	20.139	ug/l	94
13) Acrolein	2.28	56	24099	85.988	ug/l	100
14) Allyl chloride	2.72	41	48417	19.125	ug/l	99
15) Acrylonitrile	3.13	53	100052	93.006	ug/l	100
16) Acetone	2.43	43	101871	87.991	ug/l	99
17) Carbon Disulfide	2.56	76	29694	19.133	ug/l	97
18) Methyl Acetate	2.76	43	47105	18.273	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	114200	19.248	ug/l	100
20) Methylene Chloride	2.84	84	29018	18.371	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	23198	19.656	ug/l	97
22) Diisopropyl ether	3.84	45	111567	19.193	ug/l	98
23) Vinyl Acetate	3.80	43	472319	98.436	ug/l	99
24) 1,1-Dichloroethane	3.68	63	56522	19.432	ug/l	97
25) 2-Butanone	4.66	43	151186	91.661	ug/l	99
26) 2,2-Dichloropropane	4.57	77	53213	19.179	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	33427	19.326	ug/l	98
28) Bromochloromethane	5.00	49	28888	19.393	ug/l	100
29) Tetrahydrofuran	5.11	42	91784	95.944	ug/l	98
30) Chloroform	5.20	83	62317	18.541	ug/l	99
31) Cyclohexane	5.57	56	34830	19.668	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	53835	19.282	ug/l	99
36) 1,1-Dichloropropene	5.78	75	34670	19.378	ug/l	98
37) Ethyl Acetate	4.82	43	52932	19.215	ug/l	98
38) Carbon Tetrachloride	5.77	117	43597	19.967	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	35584	20.705	ug/l	95
40) Benzene	6.13	78	110830	20.102	ug/l	98
41) Methacrylonitrile	5.03	41	30390	19.322	ug/l	95
42) 1,2-Dichloroethane	6.18	62	49863	19.864	ug/l	100
43) Isopropyl Acetate	6.43	43	90267	19.098	ug/l	99
44) Trichloroethene	7.20	130	30381	20.517	ug/l	96
45) 1,2-Dichloropropane	7.50	63	32431	19.248	ug/l	94
46) Dibromomethane	7.65	93	21860	19.448	ug/l	97
47) Bromodichloromethane	7.89	83	48972	19.515	ug/l	92
48) Methyl methacrylate	7.76	41	42241	18.946	ug/l	99
49) 1,4-Dioxane	7.73	88	21414	397.081	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	299496	97.790	ug/l	100
52) Toluene	8.78	92	72254	20.133	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	50468	19.392	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53011	19.706	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35779	18.973	ug/l	97
56) Ethyl methacrylate	9.17	69	54548	19.226	ug/l	97
57) 1,3-Dichloropropane	9.37	76	56912	18.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	140084	91.734	ug/l	99
59) 2-Hexanone	9.48	43	224226	94.966	ug/l	99
60) Dibromochloromethane	9.57	129	37510	18.463	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34891	20.114	ug/l	100
64) Tetrachloroethene	9.33	164	25711	21.583	ug/l	97
65) Chlorobenzene	10.14	112	84973	20.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36357	20.431	ug/l	98
67) Ethyl Benzene	10.25	91	146960	20.531	ug/l	98
68) m/p-Xylenes	10.35	106	108733	41.152	ug/l	99
69) o-Xylene	10.70	106	56119	20.481	ug/l	100
70) Styrene	10.71	104	96461	20.290	ug/l	99
71) Bromoform	10.85	173	26465	18.370	ug/l #	99
73) Isopropylbenzene	11.01	105	156713	20.441	ug/l	99
74) N-amyl acetate	10.89	43	79421	19.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	59584	19.381	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57302m	20.087	ug/l	
77) Bromobenzene	11.25	156	38792	19.651	ug/l	98
78) n-propylbenzene	11.35	91	176199	20.336	ug/l	99
79) 2-Chlorotoluene	11.42	91	111401	20.028	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	138572	20.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17567	17.384	ug/l	94
82) 4-Chlorotoluene	11.51	91	131117	20.214	ug/l	98
83) tert-Butylbenzene	11.77	119	145075	20.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	140727	20.774	ug/l	99
85) sec-Butylbenzene	11.94	105	162490	20.756	ug/l	100
86) p-Isopropyltoluene	12.06	119	149774	20.882	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73747	19.957	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	73601	19.693	ug/l	99
89) n-Butylbenzene	12.39	91	130159	20.549	ug/l	100
90) Hexachloroethane	12.59	117	26542	19.142	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74273	19.635	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15404	18.969	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	49767	19.662	ug/l	99
94) Hexachlorobutadiene	13.78	225	24864	20.399	ug/l	97
95) Naphthalene	13.83	128	174741	18.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50501	20.004	ug/l	97

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

