

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011382.D
 Acq On : 08 Aug 2019 11:21
 Operator : JC/SP
 Sample : VX0808WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 11:07:59 AM

Quant Time: Aug 09 04:35:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	87778	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	5.49	113	76488	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.71	98	287309	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.13	95	103659	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22582	17.533	ug/l	98
3) Chloromethane	1.32	50	24280	16.787	ug/l	97
4) Vinyl Chloride	1.40	62	26807	16.850	ug/l	96
5) Bromomethane	1.63	94	19605	17.278	ug/l	94
6) Chloroethane	1.71	64	17906	16.421	ug/l	100
7) Trichlorofluoromethane	1.93	101	50121	17.718	ug/l	98
8) Diethyl Ether	2.18	74	17087	16.916	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27889	18.221	ug/l	98
10) Methyl Iodide	2.50	142	29304	15.186	ug/l	98
11) Tert butyl alcohol	3.03	59	29714	88.745	ug/l	97
12) 1,1-Dichloroethene	2.37	96	26366	17.377	ug/l	91
13) Acrolein	2.29	56	16878	80.814	ug/l	96
14) Allyl chloride	2.72	41	38122	18.847	ug/l	97
15) Acrylonitrile	3.13	53	74511	93.239	ug/l	99
16) Acetone	2.43	43	71091	88.936	ug/l	95
17) Carbon Disulfide	2.56	76	59046	16.584	ug/l	98
18) Methyl Acetate	2.76	43	33107	18.124	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	82744	18.506	ug/l	94
20) Methylene Chloride	2.85	84	30252	17.281	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	28034	17.467	ug/l	90
22) Diisopropyl ether	3.85	45	82053	18.457	ug/l	97
23) Vinyl Acetate	3.81	43	352451	95.588	ug/l	99
24) 1,1-Dichloroethane	3.69	63	47715	18.202	ug/l	96
25) 2-Butanone	4.66	43	101773	89.504	ug/l	96
26) 2,2-Dichloropropane	4.57	77	38225	18.759	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	33195	17.956	ug/l	97
28) Bromochloromethane	5.01	49	23312	19.507	ug/l	96
29) Tetrahydrofuran	5.12	42	62923	90.252	ug/l	99
30) Chloroform	5.20	83	53390	18.739	ug/l	93
31) Cyclohexane	5.57	56	38470	17.788	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	45811	18.770	ug/l	98
36) 1,1-Dichloropropene	5.79	75	37350	17.615	ug/l	98
37) Ethyl Acetate	4.82	43	38071	17.900	ug/l	98
38) Carbon Tetrachloride	5.77	117	39746	18.632	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	43007	17.111	ug/l	97
40) Benzene	6.13	78	112720	17.815	ug/l	95
41) Methacrylonitrile	5.04	41	20753	17.866	ug/l	98
42) 1,2-Dichloroethane	6.18	62	41770	19.522	ug/l	99
43) Isopropyl Acetate	6.43	43	60358	17.750	ug/l	99
44) Trichloroethene	7.21	130	33613	17.550	ug/l	98
45) 1,2-Dichloropropane	7.51	63	29355	17.914	ug/l	96
46) Dibromomethane	7.65	93	21399	17.888	ug/l	98
47) Bromodichloromethane	7.89	83	38097	18.810	ug/l	98
48) Methyl methacrylate	7.76	41	29936	18.707	ug/l	97
49) 1,4-Dioxane	7.73	88	15730	339.053	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	205343	93.571	ug/l	98
52) Toluene	8.78	92	75850	18.131	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	38188	18.109	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	42777	18.081	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	31183	18.129	ug/l	98
56) Ethyl methacrylate	9.17	69	44035	17.965	ug/l	96
57) 1,3-Dichloropropane	9.37	76	50213	18.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	115516	95.846	ug/l	98
59) 2-Hexanone	9.49	43	158159	93.046	ug/l	99
60) Dibromochloromethane	9.58	129	31827	18.073	ug/l	100
61) 1,2-Dibromoethane	9.66	107	33298	17.918	ug/l	97
64) Tetrachloroethene	9.34	164	34777	18.255	ug/l	93
65) Chlorobenzene	10.13	112	84788	17.628	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	31085	18.877	ug/l	99
67) Ethyl Benzene	10.25	91	145476	18.060	ug/l	98
68) m/p-Xylenes	10.35	106	112479	36.100	ug/l	98
69) o-Xylene	10.69	106	54387	17.765	ug/l	99
70) Styrene	10.71	104	92245	18.210	ug/l	99
71) Bromoform	10.85	173	22467	17.230	ug/l #	97
73) Isopropylbenzene	11.02	105	147567	18.291	ug/l	100
74) N-amyl acetate	10.90	43	54501	18.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	48730	18.125	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	41918m	19.513	ug/l	
77) Bromobenzene	11.25	156	40224	17.980	ug/l	97
78) n-propylbenzene	11.36	91	165513	18.448	ug/l	99
79) 2-Chlorotoluene	11.41	91	98175	18.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	124042	18.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	12115	18.223	ug/l	91
82) 4-Chlorotoluene	11.51	91	114288	18.339	ug/l	99
83) tert-Butylbenzene	11.77	119	122705	18.525	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	126764	18.853	ug/l	98
85) sec-Butylbenzene	11.94	105	147066	18.480	ug/l	99
86) p-Isopropyltoluene	12.06	119	132674	18.122	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71802	18.165	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70984	17.415	ug/l	97
89) n-Butylbenzene	12.38	91	113174	17.943	ug/l	99
90) Hexachloroethane	12.60	117	20026	18.502	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	70956	17.866	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9696	18.615	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46368	17.604	ug/l	97
94) Hexachlorobutadiene	13.78	225	24216	18.121	ug/l	97
95) Naphthalene	13.83	128	138510	17.982	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48124	17.972	ug/l	98

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

