

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010219\
 Data File : VX006877.D
 Acq On : 02 Jan 2019 13:11
 Operator : JC/MD
 Sample : VX0102WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:16 AM

Quant Time: Jan 03 00:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	550582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	809099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	368201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	297903	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	270445	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	989686	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	355571	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81900	16.260	ug/l	99
3) Chloromethane	1.33	50	95720	17.639	ug/l	98
4) Vinyl Chloride	1.41	62	103882	18.330	ug/l	95
5) Bromomethane	1.64	94	103444	18.346	ug/l	99
6) Chloroethane	1.72	64	71239	18.154	ug/l	98
7) Trichlorofluoromethane	1.93	101	168925	19.118	ug/l	99
8) Diethyl Ether	2.19	74	68537	19.529	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100333	19.339	ug/l	99
10) Methyl Iodide	2.51	142	144021	19.393	ug/l	98
11) Tert butyl alcohol	3.07	59	133899	101.110	ug/l	97
12) 1,1-Dichloroethene	2.37	96	91308	18.561	ug/l	98
13) Acrolein	2.29	56	79335	88.804	ug/l	100
14) Allyl chloride	2.73	41	163601	19.758	ug/l	98
15) Acrylonitrile	3.15	53	305243	103.812	ug/l	99
16) Acetone	2.45	43	265468	97.375	ug/l	99
17) Carbon Disulfide	2.57	76	195181	14.993	ug/l	99
18) Methyl Acetate	2.78	43	185138	23.095	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350187	21.448	ug/l	99
20) Methylene Chloride	2.86	84	111011	19.692	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	99528	18.260	ug/l	91
22) Diisopropyl ether	3.87	45	319653	21.102	ug/l	97
23) Vinyl Acetate	3.82	43	1273586	102.784	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175577	19.416	ug/l	99
25) 2-Butanone	4.70	43	381151	99.393	ug/l	98
26) 2,2-Dichloropropane	4.58	77	135779	19.438	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	118751	19.747	ug/l	98
28) Bromochloromethane	5.02	49	78263	19.396	ug/l	97
29) Tetrahydrofuran	5.15	42	252486	99.966	ug/l	97
30) Chloroform	5.21	83	186703	19.938	ug/l	93
31) Cyclohexane	5.57	56	142911	17.396	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155867	19.712	ug/l	98
36) 1,1-Dichloropropene	5.80	75	127649	19.049	ug/l	99
37) Ethyl Acetate	4.85	43	145538	20.866	ug/l	99
38) Carbon Tetrachloride	5.78	117	130353	20.016	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156885	17.783	ug/l	99
40) Benzene	6.14	78	407948	20.027	ug/l	99
41) Methacrylonitrile	5.06	41	80735	21.802	ug/l	97
42) 1,2-Dichloroethane	6.20	62	140388	20.226	ug/l	100
43) Isopropyl Acetate	6.46	43	235055	22.149	ug/l	98
44) Trichloroethene	7.21	130	118150	19.164	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104102	21.001	ug/l	99
46) Dibromomethane	7.66	93	75092	20.595	ug/l	98
47) Bromodichloromethane	7.90	83	123117	20.339	ug/l	95
48) Methyl methacrylate	7.77	41	118422	21.943	ug/l	97
49) 1,4-Dioxane	7.75	88	53800	368.460	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	750584	111.159	ug/l	99
52) Toluene	8.78	92	265703	20.191	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136480	21.023	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153953	21.612	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	113752	21.118	ug/l	96
56) Ethyl methacrylate	9.18	69	164753	21.641	ug/l	96
57) 1,3-Dichloropropane	9.37	76	181977	20.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435949	107.726	ug/l	99
59) 2-Hexanone	9.49	43	564724	109.309	ug/l	99
60) Dibromochloromethane	9.59	129	107843	20.577	ug/l	96
61) 1,2-Dibromoethane	9.67	107	118899	20.765	ug/l	100
64) Tetrachloroethene	9.34	164	120237	20.708	ug/l	98
65) Chlorobenzene	10.14	112	313252	20.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	108107	22.337	ug/l	99
67) Ethyl Benzene	10.25	91	505074	19.925	ug/l	98
68) m/p-Xylenes	10.36	106	398248	39.815	ug/l	100
69) o-Xylene	10.70	106	195115	19.754	ug/l	96
70) Styrene	10.71	104	318521	20.384	ug/l	99
71) Bromoform	10.86	173	77439	20.616	ug/l #	99
73) Isopropylbenzene	11.02	105	520185	20.651	ug/l	100
74) N-amyl acetate	10.90	43	206844	22.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167803	22.400	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157378m	22.999	ug/l	
77) Bromobenzene	11.26	156	146105	21.454	ug/l	98
78) n-propylbenzene	11.36	91	573080	20.660	ug/l	99
79) 2-Chlorotoluene	11.42	91	340900	20.280	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	426318	20.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40978	20.914	ug/l	93
82) 4-Chlorotoluene	11.51	91	394373	20.453	ug/l	100
83) tert-Butylbenzene	11.77	119	424250	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	438071	20.074	ug/l	99
85) sec-Butylbenzene	11.94	105	508774	19.984	ug/l	99
86) p-Isopropyltoluene	12.06	119	456268	20.388	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	251749	20.512	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	250254	19.890	ug/l	99
89) n-Butylbenzene	12.38	91	378042	19.849	ug/l	99
90) Hexachloroethane	12.60	117	64725	20.556	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	252922	20.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31849	20.547	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169651	20.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	73743	18.473	ug/l	99
95) Naphthalene	13.83	128	521290	19.285	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168387	19.257	ug/l	99

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

