

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014430.D
 Acq On : 06 Jan 2020 16:19
 Operator : JC/SP
 Sample : VX0106WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBSD01

Manual Integrations
 APPROVED

apatel
 1/7/2020 9:09:16 AM

Quant Time: Jan 06 16:48:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	503728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	768224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	690573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	282328	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.49	113	236198	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	902097	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	323472	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64569	14.328	ug/l	98
3) Chloromethane	1.32	50	93267	15.422	ug/l	100
4) Vinyl Chloride	1.40	62	100156	15.695	ug/l	99
5) Bromomethane	1.63	94	76689	16.932	ug/l	99
6) Chloroethane	1.72	64	67113	17.040	ug/l	99
7) Trichlorofluoromethane	1.92	101	137728	17.435	ug/l	98
8) Diethyl Ether	2.18	74	65349	17.626	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84967	17.843	ug/l	97
10) Methyl Iodide	2.50	142	115530	20.053	ug/l	99
11) Tert butyl alcohol	3.03	59	115583	93.696	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83701	17.274	ug/l	92
13) Acrolein	2.28	56	53748	76.114	ug/l	97
14) Allyl chloride	2.72	41	157131	18.162	ug/l	99
15) Acrylonitrile	3.13	53	272993	94.812	ug/l	99
16) Acetone	2.43	43	237899	64.186	ug/l	100
17) Carbon Disulfide	2.56	76	184276	14.243	ug/l	100
18) Methyl Acetate	2.76	43	143405	19.526	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312884	19.650	ug/l	98
20) Methylene Chloride	2.85	84	122127	20.924	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	89890	16.839	ug/l	100
22) Diisopropyl ether	3.84	45	334895	19.425	ug/l	99
23) Vinyl Acetate	3.80	43	1379328	98.039	ug/l	100
24) 1,1-Dichloroethane	3.69	63	175187	18.264	ug/l	100
25) 2-Butanone	4.66	43	384245	84.088	ug/l	98
26) 2,2-Dichloropropane	4.58	77	138932	18.655	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	110817	18.355	ug/l	94
28) Bromochloromethane	5.00	49	77470	21.264	ug/l	97
29) Tetrahydrofuran	5.11	42	245660	96.116	ug/l	100
30) Chloroform	5.20	83	173732	19.106	ug/l	99
31) Cyclohexane	5.57	56	141891	16.632	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	145624	18.791	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122290	17.349	ug/l	99
37) Ethyl Acetate	4.82	43	152324	19.569	ug/l	99
38) Carbon Tetrachloride	5.78	117	118638	18.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148088	17.014	ug/l	98
40) Benzene	6.14	78	393014	18.121	ug/l	98
41) Methacrylonitrile	5.03	41	83426	19.316	ug/l	97
42) 1,2-Dichloroethane	6.18	62	140720	19.141	ug/l	99
43) Isopropyl Acetate	6.43	43	255555	19.838	ug/l	99
44) Trichloroethene	7.21	130	109936	18.351	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104823	18.857	ug/l	96
46) Dibromomethane	7.65	93	67596	18.392	ug/l	98
47) Bromodichloromethane	7.89	83	135283	19.544	ug/l	99
48) Methyl methacrylate	7.76	41	120418	19.090	ug/l	99
49) 1,4-Dioxane	7.73	88	45708	356.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	772525	95.489	ug/l	99
52) Toluene	8.78	92	254489	18.564	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147777	19.470	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	163081	19.287	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104635	19.044	ug/l	99
56) Ethyl methacrylate	9.17	69	170690	19.777	ug/l	99
57) 1,3-Dichloropropane	9.37	76	175073	18.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	323632	99.087	ug/l	100
59) 2-Hexanone	9.48	43	586640	90.078	ug/l	100
60) Dibromochloromethane	9.57	129	106330	19.469	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108040	19.219	ug/l	99
64) Tetrachloroethene	9.33	164	127935	20.936	ug/l	98
65) Chlorobenzene	10.14	112	270652	18.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102738	19.596	ug/l	98
67) Ethyl Benzene	10.25	91	464979	18.419	ug/l	97
68) m/p-Xylenes	10.35	106	356319	36.699	ug/l	100
69) o-Xylene	10.70	106	172826	18.150	ug/l	97
70) Styrene	10.71	104	295857	18.374	ug/l	99
71) Bromoform	10.85	173	80838	19.182	ug/l #	100
73) Isopropylbenzene	11.01	105	465163	19.374	ug/l	99
74) N-amyl acetate	10.89	43	223722	19.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	152917	18.370	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132864m	17.946	ug/l	
77) Bromobenzene	11.25	156	122535	18.549	ug/l	98
78) n-propylbenzene	11.35	91	511786	19.003	ug/l	100
79) 2-Chlorotoluene	11.42	91	310358	18.958	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	382425	18.925	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50267	19.164	ug/l	96
82) 4-Chlorotoluene	11.51	91	356071	18.751	ug/l	100
83) tert-Butylbenzene	11.76	119	365373	18.580	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386412	19.095	ug/l	100
85) sec-Butylbenzene	11.94	105	441896	19.035	ug/l	100
86) p-Isopropyltoluene	12.06	119	407156	19.174	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211044	18.228	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	215546	18.310	ug/l	99
89) n-Butylbenzene	12.39	91	337438	18.623	ug/l	99
90) Hexachloroethane	12.59	117	70467	18.475	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215099	18.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32977	17.902	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	145273	19.178	ug/l	97
94) Hexachlorobutadiene	13.78	225	67456	18.529	ug/l	96
95) Naphthalene	13.83	128	469305	21.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	149034	19.930	ug/l	98

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

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