

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010720\
 Data File : VX014453.D
 Acq On : 07 Jan 2020 17:21
 Operator : JC/SP
 Sample : VX0107WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS01

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:10 AM

Quant Time: Jan 08 02:45:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	580569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	855221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	395967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	301279	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.49	113	248927	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.71	98	985368	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	359678	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	134713	18.848	ug/l	99
3) Chloromethane	1.32	50	139846	18.897	ug/l	99
4) Vinyl Chloride	1.40	62	154477	18.733	ug/l	95
5) Bromomethane	1.64	94	92159	16.860	ug/l	99
6) Chloroethane	1.72	64	85045	18.104	ug/l	99
7) Trichlorofluoromethane	1.93	101	169940	18.167	ug/l	99
8) Diethyl Ether	2.18	74	72426	16.971	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101607	17.853	ug/l	99
10) Methyl Iodide	2.50	142	84803	12.444	ug/l	98
11) Tert butyl alcohol	3.02	59	120678	89.177	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101220	17.653	ug/l	98
13) Acrolein	2.28	56	89324	82.352	ug/l	95
14) Allyl chloride	2.72	41	174972	17.381	ug/l	99
15) Acrylonitrile	3.13	53	280563	85.901	ug/l	100
16) Acetone	2.43	43	290504	86.666	ug/l	99
17) Carbon Disulfide	2.56	76	277689	17.356	ug/l	99
18) Methyl Acetate	2.76	43	167253	17.955	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	330233	17.941	ug/l	99
20) Methylene Chloride	2.85	84	112256	17.217	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	109831	17.545	ug/l	96
22) Diisopropyl ether	3.84	45	349920	17.986	ug/l	94
23) Vinyl Acetate	3.80	43	1356414	90.054	ug/l	99
24) 1,1-Dichloroethane	3.69	63	190144	17.966	ug/l	99
25) 2-Butanone	4.65	43	413545	85.421	ug/l	98
26) 2,2-Dichloropropane	4.58	77	157793	17.600	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	121743	17.397	ug/l	99
28) Bromochloromethane	5.00	49	78369	17.573	ug/l	98
29) Tetrahydrofuran	5.11	42	252095	88.073	ug/l	99
30) Chloroform	5.20	83	185157	17.904	ug/l	98
31) Cyclohexane	5.57	56	184094	18.584	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	155950	17.617	ug/l	99
36) 1,1-Dichloropropene	5.79	75	144801	18.004	ug/l	98
37) Ethyl Acetate	4.81	43	154731	17.712	ug/l	99
38) Carbon Tetrachloride	5.77	117	135053	18.248	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187350	18.542	ug/l	98
40) Benzene	6.13	78	443191	18.567	ug/l	98
41) Methacrylonitrile	5.02	41	83303	17.881	ug/l	98
42) 1,2-Dichloroethane	6.18	62	147839	17.714	ug/l	98
43) Isopropyl Acetate	6.43	43	256670	18.188	ug/l	100
44) Trichloroethene	7.20	130	127168	18.538	ug/l	90
45) 1,2-Dichloropropane	7.50	63	111830	18.376	ug/l	97
46) Dibromomethane	7.65	93	72704	17.117	ug/l	97
47) Bromodichloromethane	7.89	83	142252	18.405	ug/l	97
48) Methyl methacrylate	7.76	41	123440	18.263	ug/l	99
49) 1,4-Dioxane	7.73	88	51482	359.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	780488	90.759	ug/l	99
52) Toluene	8.78	92	279797	18.311	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	160623	17.851	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179726	18.490	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110542	18.011	ug/l	100
56) Ethyl methacrylate	9.17	69	170319	18.113	ug/l	98
57) 1,3-Dichloropropane	9.36	76	185123	18.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	302365	94.512	ug/l	99
59) 2-Hexanone	9.48	43	611130	89.814	ug/l	100
60) Dibromochloromethane	9.57	129	112677	18.265	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115347	17.742	ug/l	99
64) Tetrachloroethene	9.33	164	134914	17.458	ug/l	98
65) Chlorobenzene	10.13	112	300310	17.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108666	18.196	ug/l	99
67) Ethyl Benzene	10.25	91	527895	18.508	ug/l	97
68) m/p-Xylenes	10.35	106	402141	36.546	ug/l	98
69) o-Xylene	10.69	106	193180	18.400	ug/l	99
70) Styrene	10.71	104	329011	18.159	ug/l	99
71) Bromoform	10.85	173	85468	17.493	ug/l #	100
73) Isopropylbenzene	11.01	105	514484	18.503	ug/l	99
74) N-amyl acetate	10.89	43	221590	18.063	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	159007	17.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	136585m	16.672	ug/l	
77) Bromobenzene	11.25	156	137678	17.855	ug/l	98
78) n-propylbenzene	11.35	91	600210	18.848	ug/l	100
79) 2-Chlorotoluene	11.42	91	349028	18.390	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	433596	18.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54818	17.690	ug/l	99
82) 4-Chlorotoluene	11.51	91	408583	18.341	ug/l	98
83) tert-Butylbenzene	11.76	119	408326	18.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	433220	18.572	ug/l	99
85) sec-Butylbenzene	11.94	105	511769	18.873	ug/l	99
86) p-Isopropyltoluene	12.06	119	476049	18.919	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	247430	17.880	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	249612	18.834	ug/l	99
89) n-Butylbenzene	12.39	91	421460	18.319	ug/l	100
90) Hexachloroethane	12.59	117	78698	17.806	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	239193	17.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36522	18.208	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179580	18.802	ug/l	100
94) Hexachlorobutadiene	13.78	225	83940	18.872	ug/l	99
95) Naphthalene	13.83	128	511507	17.318	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	175307	18.602	ug/l	99

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

