

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015036.D
 Acq On : 27 Feb 2020 10:33
 Operator : JC/SP
 Sample : VX0227WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 11:28:46 AM

Quant Time: Feb 27 11:01:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	660152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	610541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324820	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	233552	46.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	5.48	113	192402	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	743418	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	274093	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74123	17.512	ug/l	100
3) Chloromethane	1.32	50	92048	19.182	ug/l	99
4) Vinyl Chloride	1.40	62	94507	18.282	ug/l	96
5) Bromomethane	1.64	94	56931	17.014	ug/l	100
6) Chloroethane	1.72	64	61762	18.672	ug/l	97
7) Trichlorofluoromethane	1.92	101	124469	17.233	ug/l	97
8) Diethyl Ether	2.18	74	53163	17.750	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80349	19.165	ug/l	98
10) Methyl Iodide	2.50	142	76370	19.281	ug/l	99
11) Tert butyl alcohol	3.02	59	90560	101.682	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75054	18.320	ug/l	97
13) Acrolein	2.28	56	51277	75.541	ug/l	100
14) Allyl chloride	2.72	41	135695	18.682	ug/l	97
15) Acrylonitrile	3.12	53	232358	102.914	ug/l	99
16) Acetone	2.43	43	258018	88.149	ug/l	99
17) Carbon Disulfide	2.56	76	183218	16.007	ug/l	99
18) Methyl Acetate	2.76	43	111734	21.994	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	256560	19.243	ug/l	97
20) Methylene Chloride	2.84	84	86539	17.834	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	81871	18.111	ug/l	97
22) Diisopropyl ether	3.84	45	280413	20.214	ug/l	97
23) Vinyl Acetate	3.80	43	1158085	101.269	ug/l	99
24) 1,1-Dichloroethane	3.69	63	152053	19.421	ug/l	100
25) 2-Butanone	4.65	43	341023	99.306	ug/l	99
26) 2,2-Dichloropropane	4.57	77	121140	17.954	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	96020	19.002	ug/l	99
28) Bromochloromethane	5.00	49	65282	21.512	ug/l	96
29) Tetrahydrofuran	5.11	42	200585	102.751	ug/l	99
30) Chloroform	5.20	83	151067	19.448	ug/l	98
31) Cyclohexane	5.56	56	131123	18.388	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	124822	18.370	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110569	18.724	ug/l	99
37) Ethyl Acetate	4.81	43	124992	20.294	ug/l	100
38) Carbon Tetrachloride	5.77	117	106424	18.493	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	132838	17.987	ug/l	98
40) Benzene	6.13	78	343749	19.483	ug/l	98
41) Methacrylonitrile	5.02	41	68015	20.499	ug/l	98
42) 1,2-Dichloroethane	6.17	62	119283	18.705	ug/l	98
43) Isopropyl Acetate	6.43	43	199524	19.638	ug/l	100
44) Trichloroethene	7.20	130	97451	19.026	ug/l	97
45) 1,2-Dichloropropane	7.50	63	88064	19.571	ug/l	99
46) Dibromomethane	7.65	93	57914	18.829	ug/l	98
47) Bromodichloromethane	7.89	83	115966	19.015	ug/l	99
48) Methyl methacrylate	7.76	41	98793	19.758	ug/l	98
49) 1,4-Dioxane	7.73	88	38926	416.375	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	634538	103.430	ug/l	99
52) Toluene	8.78	92	215752	19.253	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	128446	19.218	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	138952	18.819	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88610	19.544	ug/l	98
56) Ethyl methacrylate	9.17	69	135768	19.923	ug/l	97
57) 1,3-Dichloropropane	9.36	76	150810	19.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	346986	97.358	ug/l	98
59) 2-Hexanone	9.48	43	501085	103.913	ug/l	99
60) Dibromochloromethane	9.57	129	93659	19.196	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93227	19.057	ug/l	100
64) Tetrachloroethene	9.33	164	96707	16.941	ug/l	98
65) Chlorobenzene	10.13	112	237693	19.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	87934	19.559	ug/l	100
67) Ethyl Benzene	10.25	91	410204	19.478	ug/l	100
68) m/p-Xylenes	10.35	106	315414	38.877	ug/l	99
69) o-Xylene	10.69	106	149641	19.187	ug/l	98
70) Styrene	10.71	104	261343	19.808	ug/l	99
71) Bromoform	10.85	173	70939	18.904	ug/l #	100
73) Isopropylbenzene	11.01	105	411396	20.196	ug/l	100
74) N-amyl acetate	10.89	43	167813	19.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	136867	20.555	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	114787m	19.542	ug/l	
77) Bromobenzene	11.25	156	108452	19.075	ug/l	99
78) n-propylbenzene	11.35	91	468222	19.874	ug/l	100
79) 2-Chlorotoluene	11.42	91	275139	19.865	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	341044	20.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41751	18.194	ug/l	96
82) 4-Chlorotoluene	11.51	91	321948	19.628	ug/l	99
83) tert-Butylbenzene	11.76	119	331382	20.561	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	344599	20.090	ug/l	100
85) sec-Butylbenzene	11.94	105	397372	19.846	ug/l	100
86) p-Isopropyltoluene	12.06	119	375029	20.016	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193429	18.964	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199438	19.148	ug/l	99
89) n-Butylbenzene	12.39	91	327807	19.535	ug/l	99
90) Hexachloroethane	12.59	117	64552	19.728	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	191491	19.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28528	18.262	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139027	18.831	ug/l	97
94) Hexachlorobutadiene	13.78	225	70786	19.823	ug/l	98
95) Naphthalene	13.83	128	387512	19.741	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	135018	18.929	ug/l	96

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

