

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022420\
 Data File : VX015000.D
 Acq On : 24 Feb 2020 11:01
 Operator : JC/SP
 Sample : VX0224WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:36:36 AM

Quant Time: Feb 25 00:54:41 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	434825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	644440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	593092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241437	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.48	113	202947	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	8.71	98	770132	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	276694	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	79623	19.336	ug/l	99
3) Chloromethane	1.32	50	90641	19.415	ug/l	98
4) Vinyl Chloride	1.40	62	96485	19.185	ug/l	98
5) Bromomethane	1.64	94	62575	19.222	ug/l	98
6) Chloroethane	1.72	64	64513	20.048	ug/l	99
7) Trichlorofluoromethane	1.93	101	133777	19.038	ug/l	99
8) Diethyl Ether	2.18	74	56537	19.403	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80446	19.723	ug/l	99
10) Methyl Iodide	2.50	142	77689	19.961	ug/l	98
11) Tert butyl alcohol	3.02	59	92834	107.142	ug/l	98
12) 1,1-Dichloroethene	2.37	96	74007	18.569	ug/l	97
13) Acrolein	2.28	56	52675	79.764	ug/l	96
14) Allyl chloride	2.72	41	133784	18.933	ug/l	99
15) Acrylonitrile	3.12	53	229277	104.381	ug/l	99
16) Acetone	2.43	43	235355	81.936	ug/l	99
17) Carbon Disulfide	2.56	76	189135	16.984	ug/l	99
18) Methyl Acetate	2.76	43	109100	22.074	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	258744	19.948	ug/l	97
20) Methylene Chloride	2.85	84	87577	18.552	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	82489	18.757	ug/l	93
22) Diisopropyl ether	3.84	45	275183	20.390	ug/l	99
23) Vinyl Acetate	3.80	43	1152474	103.588	ug/l	100
24) 1,1-Dichloroethane	3.69	63	150460	19.753	ug/l	99
25) 2-Butanone	4.65	43	325541	97.441	ug/l	99
26) 2,2-Dichloropropane	4.57	77	124969	19.038	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	94025	19.126	ug/l	99
28) Bromochloromethane	5.00	49	63135	21.384	ug/l	95
29) Tetrahydrofuran	5.11	42	198256	104.389	ug/l	99
30) Chloroform	5.20	83	150115	19.864	ug/l	97
31) Cyclohexane	5.57	56	132598	19.113	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	125858	19.039	ug/l	98
36) 1,1-Dichloropropene	5.78	75	112668	19.544	ug/l	100
37) Ethyl Acetate	4.81	43	120389	20.023	ug/l	99
38) Carbon Tetrachloride	5.77	117	107767	19.183	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137730	19.104	ug/l	99
40) Benzene	6.13	78	334580	19.425	ug/l	95
41) Methacrylonitrile	5.02	41	64657	19.962	ug/l	96
42) 1,2-Dichloroethane	6.18	62	120515	19.359	ug/l	97
43) Isopropyl Acetate	6.43	43	198231	19.986	ug/l	99
44) Trichloroethene	7.20	130	95934	19.186	ug/l	94
45) 1,2-Dichloropropane	7.50	63	87637	19.951	ug/l	99
46) Dibromomethane	7.65	93	56637	18.863	ug/l	98
47) Bromodichloromethane	7.89	83	114336	19.205	ug/l	96
48) Methyl methacrylate	7.76	41	98652	20.211	ug/l	98
49) 1,4-Dioxane	7.73	88	39013	427.480	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	626056	104.535	ug/l	99
52) Toluene	8.78	92	214436	19.602	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	124136	19.026	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139302	19.326	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88992	20.107	ug/l	99
56) Ethyl methacrylate	9.17	69	131778	19.808	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147166	19.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	327876	94.239	ug/l	100
59) 2-Hexanone	9.48	43	481802	102.350	ug/l	100
60) Dibromochloromethane	9.57	129	92121	19.341	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92585	19.387	ug/l	99
64) Tetrachloroethene	9.33	164	96451	17.394	ug/l	99
65) Chlorobenzene	10.13	112	231510	19.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86032	19.699	ug/l	100
67) Ethyl Benzene	10.25	91	405214	19.807	ug/l	100
68) m/p-Xylenes	10.35	106	314393	39.891	ug/l	97
69) o-Xylene	10.69	106	151047	19.937	ug/l	98
70) Styrene	10.71	104	250825	19.570	ug/l	99
71) Bromoform	10.85	173	71561	19.631	ug/l #	100
73) Isopropylbenzene	11.01	105	405435	20.805	ug/l	99
74) N-amyl acetate	10.89	43	166994	20.624	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131034	20.570	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113478m	20.194	ug/l	
77) Bromobenzene	11.25	156	110158	20.253	ug/l	95
78) n-propylbenzene	11.35	91	452360	20.070	ug/l	99
79) 2-Chlorotoluene	11.42	91	271476	20.488	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336051	20.639	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41545	18.925	ug/l	96
82) 4-Chlorotoluene	11.51	91	312110	19.890	ug/l	100
83) tert-Butylbenzene	11.76	119	325457	21.108	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	338993	20.659	ug/l	100
85) sec-Butylbenzene	11.94	105	389630	20.341	ug/l	99
86) p-Isopropyltoluene	12.06	119	363591	20.284	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187543	19.220	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188645	18.932	ug/l	99
89) n-Butylbenzene	12.38	91	309617	19.287	ug/l	99
90) Hexachloroethane	12.59	117	63480	20.279	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188774	19.728	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27792	18.596	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	131635	18.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	65812	19.265	ug/l	94
95) Naphthalene	13.83	128	373721	19.901	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133700	19.593	ug/l	99

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

