

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018561.D
 Acq On : 24 Sep 2020 11:02
 Operator : JC/SP
 Sample : VX0924WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:22:25 PM

Quant Time: Sep 25 01:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	439914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	664153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	628281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	337179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	331776	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.46	113	258675	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
50) Toluene-d8	8.70	98	907143	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
62) 4-Bromofluorobenzene	11.12	95	342707	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	88682	21.263	ug/l	95
3) Chloromethane	1.31	50	91665	18.773	ug/l	98
4) Vinyl Chloride	1.39	62	96366	18.642	ug/l	99
5) Bromomethane	1.64	94	66713	21.027	ug/l	98
6) Chloroethane	1.72	64	57217	19.340	ug/l	94
7) Trichlorofluoromethane	1.92	101	172678	21.989	ug/l	93
8) Diethyl Ether	2.17	74	49550	17.984	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86970	20.576	ug/l	97
10) Methyl Iodide	2.49	142	96313	21.520	ug/l	96
11) Tert butyl alcohol	3.04	59	87989	81.259	ug/l	95
12) 1,1-Dichloroethene	2.36	96	82778	19.430	ug/l	90
13) Acrolein	2.28	56	61272	89.366	ug/l	98
14) Allyl chloride	2.71	41	147511	17.868	ug/l	97
15) Acrylonitrile	3.12	53	223894	86.658	ug/l	99
16) Acetone	2.43	43	221512	93.072	ug/l	98
17) Carbon Disulfide	2.55	76	236467	18.585	ug/l	98
18) Methyl Acetate	2.75	43	109628	18.591	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	292456	19.555	ug/l	99
20) Methylene Chloride	2.84	84	95710	18.226	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	92836	18.750	ug/l	98
22) Diisopropyl ether	3.82	45	299710	19.313	ug/l	88
23) Vinyl Acetate	3.78	43	1285259	93.467	ug/l	100
24) 1,1-Dichloroethane	3.67	63	170554	19.057	ug/l	98
25) 2-Butanone	4.64	43	323608	87.313	ug/l	97
26) 2,2-Dichloropropane	4.55	77	163367	19.757	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	102547	18.478	ug/l	99
28) Bromochloromethane	4.97	49	75798	18.099	ug/l	96
29) Tetrahydrofuran	5.09	42	200224	85.711	ug/l	98
30) Chloroform	5.17	83	183542	20.213	ug/l	98
31) Cyclohexane	5.55	56	139226	18.487	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	172672	20.270	ug/l	99
36) 1,1-Dichloropropene	5.77	75	129931	20.156	ug/l	98
37) Ethyl Acetate	4.79	43	130743	18.993	ug/l	99
38) Carbon Tetrachloride	5.76	117	158377	22.184	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	141253	19.504	ug/l	96
40) Benzene	6.11	78	377078	20.411	ug/l	99
41) Methacrylonitrile	5.00	41	68405	17.884	ug/l	98
42) 1,2-Dichloroethane	6.16	62	154948	21.559	ug/l	99
43) Isopropyl Acetate	6.41	43	210592	18.436	ug/l	100
44) Trichloroethene	7.19	130	108727	20.330	ug/l	99
45) 1,2-Dichloropropane	7.49	63	99208	19.565	ug/l	99
46) Dibromomethane	7.64	93	68534	19.673	ug/l	95
47) Bromodichloromethane	7.87	83	150683	21.462	ug/l	98
48) Methyl methacrylate	7.74	41	98638	17.741	ug/l	95
49) 1,4-Dioxane	7.76	88	31828	346.444	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	657766	96.709	ug/l	98
52) Toluene	8.76	92	239483	20.600	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	160984	20.179	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	169485	20.622	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	99728	20.674	ug/l	95
56) Ethyl methacrylate	9.16	69	136231	19.046	ug/l	98
57) 1,3-Dichloropropane	9.35	76	159364	19.663	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	362496	95.322	ug/l	98
59) 2-Hexanone	9.47	43	490783	94.869	ug/l	99
60) Dibromochloromethane	9.56	129	123655	21.498	ug/l	99
61) 1,2-Dibromoethane	9.65	107	104064	20.275	ug/l	98
64) Tetrachloroethene	9.32	164	111305	22.502	ug/l	96
65) Chlorobenzene	10.12	112	261640	20.224	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	105761	20.378	ug/l	99
67) Ethyl Benzene	10.23	91	452935	20.227	ug/l	99
68) m/p-Xylenes	10.34	106	347802	41.059	ug/l	99
69) o-Xylene	10.68	106	162110	20.210	ug/l	99
70) Styrene	10.70	104	276666	19.976	ug/l	97
71) Bromoform	10.84	173	85988	19.733	ug/l	99
73) Isopropylbenzene	11.00	105	456004	20.244	ug/l	100
74) N-amyl acetate	10.88	43	174601	17.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	137830	18.487	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	131952m	18.623	ug/l	
77) Bromobenzene	11.24	156	116303	18.713	ug/l	99
78) n-propylbenzene	11.34	91	523461	19.854	ug/l	100
79) 2-Chlorotoluene	11.40	91	308402	19.324	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	387122	20.096	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	48159	17.417	ug/l	95
82) 4-Chlorotoluene	11.49	91	377492	19.898	ug/l	99
83) tert-Butylbenzene	11.76	119	365569	19.546	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	392217	20.217	ug/l	97
85) sec-Butylbenzene	11.93	105	434510	19.689	ug/l	99
86) p-Isopropyltoluene	12.05	119	409814	20.206	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	216586	19.382	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	215421	19.013	ug/l	98
89) n-Butylbenzene	12.37	91	357250	19.027	ug/l	98
90) Hexachloroethane	12.58	117	76602	18.918	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	208110	19.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32997	18.231	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	133575	18.350	ug/l	98
94) Hexachlorobutadiene	13.77	225	65238	21.357	ug/l	99
95) Naphthalene	13.82	128	395247	17.979	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	128320	18.446	ug/l	97

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

