

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015587.D
 Acq On : 09 Apr 2020 11:37
 Operator : JC/SP
 Sample : VX0409MBS01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:35 PM

Quant Time: Apr 09 15:53:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1168566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1740285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1627139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	760114	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.47	113	559499	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.70	98	2053104	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	828201	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191094	18.561	ug/l	99
3) Chloromethane	1.31	50	221511	16.895	ug/l	100
4) Vinyl Chloride	1.39	62	225242	18.710	ug/l	98
5) Bromomethane	1.63	94	143524	21.205	ug/l	99
6) Chloroethane	1.71	64	153645	20.578	ug/l	98
7) Trichlorofluoromethane	1.92	101	322241	19.959	ug/l	100
8) Diethyl Ether	2.17	74	131218	19.269	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208965	19.854	ug/l	98
10) Methyl Iodide	2.49	142	220859	15.564	ug/l	100
11) Tert butyl alcohol	3.01	59	330930	83.888	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201712	18.283	ug/l	93
13) Acrolein	2.28	56	156564	69.671	ug/l	99
14) Allyl chloride	2.71	41	457517	17.748	ug/l	98
15) Acrylonitrile	3.12	53	666864	88.641	ug/l	99
16) Acetone	2.42	43	735749	103.908	ug/l	100
17) Carbon Disulfide	2.55	76	558436	16.593	ug/l	99
18) Methyl Acetate	2.75	43	326695	18.077	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	778563	18.196	ug/l	99
20) Methylene Chloride	2.84	84	232940	17.613	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	219554	17.932	ug/l	94
22) Diisopropyl ether	3.83	45	847151	18.546	ug/l	99
23) Vinyl Acetate	3.79	43	3801122	91.908	ug/l	100
24) 1,1-Dichloroethane	3.67	63	433696	18.033	ug/l	99
25) 2-Butanone	4.64	43	1049929	92.201	ug/l	99
26) 2,2-Dichloropropane	4.56	77	394304	19.974	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	260474	18.388	ug/l	98
28) Bromochloromethane	4.99	49	219369	19.104	ug/l	96
29) Tetrahydrofuran	5.09	42	650180	88.815	ug/l	99
30) Chloroform	5.18	83	426434	18.429	ug/l	98
31) Cyclohexane	5.55	56	395967	18.979	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	393791	18.805	ug/l	100
36) 1,1-Dichloropropene	5.77	75	315871	19.699	ug/l	98
37) Ethyl Acetate	4.80	43	386829	18.528	ug/l	99
38) Carbon Tetrachloride	5.76	117	352090	20.273	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	380080	20.558	ug/l	99
40) Benzene	6.12	78	930820	19.817	ug/l	98
41) Methacrylonitrile	5.01	41	223912	19.319	ug/l	99
42) 1,2-Dichloroethane	6.17	62	378142	20.043	ug/l	100
43) Isopropyl Acetate	6.42	43	668292	18.961	ug/l	100
44) Trichloroethene	7.19	130	261674	20.427	ug/l	98
45) 1,2-Dichloropropane	7.49	63	248920	19.372	ug/l	98
46) Dibromomethane	7.64	93	161979	19.217	ug/l	94
47) Bromodichloromethane	7.88	83	350130	19.495	ug/l	97
48) Methyl methacrylate	7.75	41	333260	18.930	ug/l	99
49) 1,4-Dioxane	7.72	88	123408	375.773	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1971429	98.700	ug/l	99
52) Toluene	8.77	92	588479	20.322	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	391058	18.565	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	418767	19.517	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239427	20.180	ug/l	99
56) Ethyl methacrylate	9.16	69	400413	19.150	ug/l	99
57) 1,3-Dichloropropane	9.35	76	422083	19.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1035860	101.850	ug/l	100
59) 2-Hexanone	9.48	43	1537460	101.954	ug/l	99
60) Dibromochloromethane	9.57	129	275678	19.337	ug/l	98
61) 1,2-Dibromoethane	9.65	107	256662	19.895	ug/l	100
64) Tetrachloroethene	9.32	164	257112	20.938	ug/l	97
65) Chlorobenzene	10.12	112	633744	19.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	246942	19.048	ug/l	97
67) Ethyl Benzene	10.24	91	1152743	20.029	ug/l	99
68) m/p-Xylenes	10.34	106	865597	40.390	ug/l	99
69) o-Xylene	10.68	106	420708	19.866	ug/l	99
70) Styrene	10.70	104	718114	19.270	ug/l	99
71) Bromoform	10.84	173	220149	18.654	ug/l #	98
73) Isopropylbenzene	11.00	105	1121026	20.317	ug/l	98
74) N-amyl acetate	10.88	43	567227	18.484	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	361221	19.079	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	341861m	19.741	ug/l	
77) Bromobenzene	11.24	156	305601	20.764	ug/l	94
78) n-propylbenzene	11.35	91	1271442	20.152	ug/l	100
79) 2-Chlorotoluene	11.40	91	770225	19.917	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	969572	20.576	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	127758	17.702	ug/l	94
82) 4-Chlorotoluene	11.49	91	916729	20.222	ug/l	100
83) tert-Butylbenzene	11.76	119	925176	20.100	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	975841	20.322	ug/l	99
85) sec-Butylbenzene	11.93	105	1102388	20.709	ug/l	99
86) p-Isopropyltoluene	12.05	119	1026300	20.767	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	530252	20.125	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	534959	19.933	ug/l	99
89) n-Butylbenzene	12.37	91	916295	20.518	ug/l	99
90) Hexachloroethane	12.58	117	182927	19.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	527234	20.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94289	17.645	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	407508	19.980	ug/l	99
94) Hexachlorobutadiene	13.77	225	195964	20.181	ug/l	97
95) Naphthalene	13.82	128	1238734	19.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	403160	20.531	ug/l	99

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

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