

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021120\
 Data File : VX014908.D
 Acq On : 11 Feb 2020 12:01
 Operator : JC/SP
 Sample : VX0211MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:19 PM

Quant Time: Feb 12 05:58:30 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	441711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	643757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	595138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241745	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.48	113	194729	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	743625	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	266865	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	83297	19.913	ug/l	99
3) Chloromethane	1.32	50	91250	19.241	ug/l	99
4) Vinyl Chloride	1.40	62	96679	18.924	ug/l	100
5) Bromomethane	1.64	94	64087	19.380	ug/l	97
6) Chloroethane	1.72	64	61054	18.677	ug/l	99
7) Trichlorofluoromethane	1.93	101	137466	19.258	ug/l	100
8) Diethyl Ether	2.18	74	58514	19.768	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78681	18.990	ug/l	100
10) Methyl Iodide	2.50	142	84468	21.058	ug/l	99
11) Tert butyl alcohol	3.02	59	93545	106.279	ug/l	97
12) 1,1-Dichloroethene	2.37	96	78192	19.313	ug/l	93
13) Acrolein	2.28	56	58631	87.399	ug/l	97
14) Allyl chloride	2.72	41	132622	18.476	ug/l	98
15) Acrylonitrile	3.12	53	228571	102.437	ug/l	98
16) Acetone	2.43	43	252566	87.201	ug/l	97
17) Carbon Disulfide	2.56	76	204296	18.060	ug/l	99
18) Methyl Acetate	2.76	43	103780	20.671	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	261999	19.884	ug/l	97
20) Methylene Chloride	2.85	84	87453	18.237	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	84203	18.848	ug/l	96
22) Diisopropyl ether	3.84	45	271857	19.829	ug/l	90
23) Vinyl Acetate	3.80	43	1141416	100.995	ug/l	100
24) 1,1-Dichloroethane	3.69	63	147105	19.012	ug/l	99
25) 2-Butanone	4.65	43	339538	100.046	ug/l	99
26) 2,2-Dichloropropane	4.56	77	123493	18.520	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	94742	18.972	ug/l	99
28) Bromochloromethane	5.00	49	57735	19.251	ug/l	99
29) Tetrahydrofuran	5.11	42	203275	105.364	ug/l	99
30) Chloroform	5.20	83	147596	19.226	ug/l	100
31) Cyclohexane	5.57	56	131786	18.700	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	125209	18.645	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110682	19.220	ug/l	99
37) Ethyl Acetate	4.81	43	125404	20.879	ug/l	99
38) Carbon Tetrachloride	5.78	117	109686	19.545	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137129	19.041	ug/l	99
40) Benzene	6.13	78	338491	19.673	ug/l	96
41) Methacrylonitrile	5.02	41	68261	21.097	ug/l	98
42) 1,2-Dichloroethane	6.18	62	122253	19.659	ug/l	98
43) Isopropyl Acetate	6.43	43	202563	20.445	ug/l	100
44) Trichloroethene	7.20	130	96127	19.245	ug/l	100
45) 1,2-Dichloropropane	7.50	63	86001	19.599	ug/l	94
46) Dibromomethane	7.65	93	59130	19.714	ug/l	99
47) Bromodichloromethane	7.89	83	114970	19.332	ug/l	99
48) Methyl methacrylate	7.76	41	98549	20.211	ug/l	99
49) 1,4-Dioxane	7.73	88	41369	453.777	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	633477	105.886	ug/l	100
52) Toluene	8.78	92	213316	19.520	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	125685	19.283	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141197	19.610	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	88186	19.946	ug/l	97
56) Ethyl methacrylate	9.17	69	133197	20.043	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148636	19.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	354571	102.020	ug/l	99
59) 2-Hexanone	9.48	43	494358	105.129	ug/l	99
60) Dibromochloromethane	9.57	129	93679	19.689	ug/l	98
61) 1,2-Dibromoethane	9.67	107	93400	19.579	ug/l	100
64) Tetrachloroethene	9.33	164	112092	20.145	ug/l	97
65) Chlorobenzene	10.13	112	237859	19.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87956	20.071	ug/l	97
67) Ethyl Benzene	10.25	91	406794	19.816	ug/l	98
68) m/p-Xylenes	10.36	106	312377	39.499	ug/l	99
69) o-Xylene	10.69	106	150114	19.746	ug/l	99
70) Styrene	10.71	104	257846	20.049	ug/l	100
71) Bromoform	10.85	173	71565	19.564	ug/l #	99
73) Isopropylbenzene	11.01	105	402240	20.062	ug/l	100
74) N-amyl acetate	10.89	43	169320	20.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	129999	19.835	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	113923m	19.705	ug/l	
77) Bromobenzene	11.25	156	110643	19.772	ug/l	96
78) n-propylbenzene	11.35	91	455244	19.632	ug/l	99
79) 2-Chlorotoluene	11.42	91	269155	19.743	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336908	20.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42433	18.787	ug/l	94
82) 4-Chlorotoluene	11.51	91	315286	19.529	ug/l	100
83) tert-Butylbenzene	11.76	119	314203	19.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340673	20.179	ug/l	99
85) sec-Butylbenzene	11.94	105	387978	19.687	ug/l	100
86) p-Isopropyltoluene	12.06	119	364849	19.784	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193884	19.313	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197331	19.248	ug/l	99
89) n-Butylbenzene	12.39	91	316303	19.150	ug/l	99
90) Hexachloroethane	12.59	117	60922	18.916	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191304	19.431	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28548	18.566	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136422	18.773	ug/l	100
94) Hexachlorobutadiene	13.78	225	66521	18.926	ug/l	98
95) Naphthalene	13.83	128	401359	20.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136788	19.484	ug/l	98

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

