

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014526.D
 Acq On : 10 Jan 2020 10:45
 Operator : JC/SP
 Sample : VX0110MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:36 AM

Quant Time: Jan 10 12:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	478666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	644371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	263202	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.48	113	212865	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	832281	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	292142	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	113359	19.231	ug/l	99
3) Chloromethane	1.32	50	118632	19.443	ug/l	99
4) Vinyl Chloride	1.40	62	133529	19.639	ug/l	99
5) Bromomethane	1.63	94	75516	16.756	ug/l	99
6) Chloroethane	1.72	64	75410	19.570	ug/l	98
7) Trichlorofluoromethane	1.92	101	144853	18.781	ug/l	94
8) Diethyl Ether	2.18	74	65845	18.713	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89485	19.071	ug/l	100
10) Methyl Iodide	2.50	142	103268	18.380	ug/l	100
11) Tert butyl alcohol	3.02	59	111923	100.314	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86662	18.331	ug/l	97
13) Acrolein	2.28	56	65676	73.440	ug/l	99
14) Allyl chloride	2.72	41	153697	18.518	ug/l	99
15) Acrylonitrile	3.13	53	263852	97.983	ug/l	99
16) Acetone	2.43	43	279692	101.917	ug/l	99
17) Carbon Disulfide	2.56	76	225030	17.059	ug/l	100
18) Methyl Acetate	2.76	43	155707	20.274	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	295907	19.498	ug/l	98
20) Methylene Chloride	2.85	84	102302	19.031	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	92891	17.998	ug/l	100
22) Diisopropyl ether	3.84	45	319136	19.896	ug/l	92
23) Vinyl Acetate	3.80	43	1250125	100.666	ug/l	100
24) 1,1-Dichloroethane	3.69	63	167839	19.235	ug/l	99
25) 2-Butanone	4.65	43	389654	97.621	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133359	18.042	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	108505	18.806	ug/l	98
28) Bromochloromethane	5.00	49	72283	19.659	ug/l	99
29) Tetrahydrofuran	5.11	42	231488	98.091	ug/l	98
30) Chloroform	5.20	83	165184	19.373	ug/l	98
31) Cyclohexane	5.57	56	160420	19.641	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	139083	19.056	ug/l	98
36) 1,1-Dichloropropene	5.79	75	126737	18.942	ug/l	99
37) Ethyl Acetate	4.81	43	141297	19.442	ug/l	99
38) Carbon Tetrachloride	5.78	117	114901	18.662	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160783	19.127	ug/l	98
40) Benzene	6.14	78	391508	19.715	ug/l	97
41) Methacrylonitrile	5.02	41	77711	20.051	ug/l	97
42) 1,2-Dichloroethane	6.18	62	135812	19.560	ug/l	99
43) Isopropyl Acetate	6.43	43	230176	19.606	ug/l	99
44) Trichloroethene	7.20	130	107467	18.831	ug/l	94
45) 1,2-Dichloropropane	7.50	63	100498	19.850	ug/l	100
46) Dibromomethane	7.65	93	65196	18.450	ug/l	99
47) Bromodichloromethane	7.89	83	124930	19.430	ug/l	99
48) Methyl methacrylate	7.76	41	113129	20.119	ug/l	99
49) 1,4-Dioxane	7.73	88	47692	400.285	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	728327	101.804	ug/l	98
52) Toluene	8.78	92	243913	19.188	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	141113	18.851	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	156758	19.385	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101436	19.866	ug/l	98
56) Ethyl methacrylate	9.17	69	156517	20.008	ug/l	99
57) 1,3-Dichloropropane	9.36	76	171458	20.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	265806	99.871	ug/l	99
59) 2-Hexanone	9.48	43	563576	99.559	ug/l	100
60) Dibromochloromethane	9.57	129	102129	19.900	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105719	19.546	ug/l	98
64) Tetrachloroethene	9.33	164	116245	18.000	ug/l	96
65) Chlorobenzene	10.14	112	260970	18.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	95842	19.205	ug/l	98
67) Ethyl Benzene	10.25	91	455778	19.122	ug/l	100
68) m/p-Xylenes	10.35	106	352131	38.295	ug/l	98
69) o-Xylene	10.70	106	170011	19.378	ug/l	100
70) Styrene	10.71	104	287083	18.961	ug/l	100
71) Bromoform	10.85	173	74667	18.287	ug/l #	99
73) Isopropylbenzene	11.01	105	450228	19.926	ug/l	100
74) N-amyl acetate	10.89	43	194263	19.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	146011	20.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	125150m	18.798	ug/l	
77) Bromobenzene	11.25	156	120231	19.187	ug/l	98
78) n-propylbenzene	11.35	91	507384	19.607	ug/l	99
79) 2-Chlorotoluene	11.42	91	301168	19.528	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	374965	19.988	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46920	18.633	ug/l	93
82) 4-Chlorotoluene	11.51	91	345187	19.068	ug/l	99
83) tert-Butylbenzene	11.76	119	357038	20.143	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	374406	19.752	ug/l	99
85) sec-Butylbenzene	11.94	105	430190	19.523	ug/l	100
86) p-Isopropyltoluene	12.06	119	402574	19.688	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	210359	18.706	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	209875	19.508	ug/l	98
89) n-Butylbenzene	12.38	91	340888	18.234	ug/l	99
90) Hexachloroethane	12.59	117	67169	18.701	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	208831	18.954	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30993	19.015	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144710	18.643	ug/l	99
94) Hexachlorobutadiene	13.77	225	68956	19.078	ug/l	97
95) Naphthalene	13.83	128	428622	17.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142670	18.630	ug/l	100

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

