

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003250.D
 Acq On : 09 Jul 2018 17:24
 Operator : JC/MD
 Sample : VX0709MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:49 PM

Quant Time: Jul 10 01:11:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200466	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.51	113	173323	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.72	98	636929	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.14	95	232140	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81170	19.76	ug/l	99
3) Chloromethane	1.32	50	68790	18.42	ug/l	99
4) Vinyl Chloride	1.40	62	71328	18.61	ug/l	99
5) Bromomethane	1.64	94	31650	28.32	ug/l	98
6) Chloroethane	1.72	64	41471	19.53	ug/l	99
7) Trichlorofluoromethane	1.93	101	107917	18.94	ug/l	96
8) Diethyl Ether	2.19	74	37103	18.02	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61141	18.33	ug/l	94
10) Methyl Iodide	2.51	142	51800	18.13	ug/l	97
11) Tert butyl alcohol	3.08	59	79372	102.97	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55114	18.15	ug/l	92
13) Acrolein	2.29	56	53414	86.00	ug/l	99
14) Allyl chloride	2.73	41	102277	18.19	ug/l	94
15) Acrylonitrile	3.15	53	160628	93.33	ug/l	99
16) Acetone	2.45	43	146931	97.34	ug/l	100
17) Carbon Disulfide	2.57	76	146569	17.37	ug/l	99
18) Methyl Acetate	2.78	43	85238	20.02	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	184360	18.18	ug/l	96
20) Methylene Chloride	2.86	84	60963	19.28	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	58764	18.16	ug/l	95
22) Diisopropyl ether	3.88	45	186070	16.26	ug/l	# 98
23) Vinyl Acetate	3.83	43	817466	84.16	ug/l	97
24) 1,1-Dichloroethane	3.70	63	106276	17.85	ug/l	99
25) 2-Butanone	4.71	43	262091	98.13	ug/l	95
26) 2,2-Dichloropropane	4.59	77	90816	17.44	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	73553	18.49	ug/l	99
28) Bromochloromethane	5.03	49	58634	19.54	ug/l	86
29) Tetrahydrofuran	5.17	42	169678	97.88	ug/l	95
30) Chloroform	5.21	83	122709	18.73	ug/l	99
31) Cyclohexane	5.57	56	106035	19.02	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	107411	18.59	ug/l	97
36) 1,1-Dichloropropene	5.80	75	87775	18.53	ug/l	96
37) Ethyl Acetate	4.87	43	98367	18.94	ug/l	97
38) Carbon Tetrachloride	5.79	117	98348	18.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106025	19.00	ug/l	96
40) Benzene	6.15	78	271247	19.33	ug/l	100
41) Methacrylonitrile	5.07	41	54301	19.10	ug/l	95
42) 1,2-Dichloroethane	6.20	62	98722	18.83	ug/l	98
43) Isopropyl Acetate	6.48	43	156517	19.20	ug/l	97
44) Trichloroethene	7.22	130	79866	19.24	ug/l	96
45) 1,2-Dichloropropane	7.53	63	68232	18.70	ug/l	97
46) Dibromomethane	7.67	93	47136	18.95	ug/l	91
47) Bromodichloromethane	7.90	83	84745	18.47	ug/l	97
48) Methyl methacrylate	7.78	41	80149	19.17	ug/l	91
49) 1,4-Dioxane	7.76	88	35685	408.13	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	503998	99.29	ug/l	96
52) Toluene	8.79	92	173088	19.51	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	101960	18.88	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	91016	18.52	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	69677	18.93	ug/l	97
56) Ethyl methacrylate	9.18	69	96730	19.19	ug/l #	90
57) 1,3-Dichloropropane	9.38	76	113911	19.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	251293	103.33	ug/l	95
59) 2-Hexanone	9.50	43	387613	100.53	ug/l	94
60) Dibromochloromethane	9.59	129	71837	18.69	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74704	19.37	ug/l	99
64) Tetrachloroethene	9.34	164	91740	19.99	ug/l	97
65) Chlorobenzene	10.14	112	199168	19.31	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	71774	19.29	ug/l	100
67) Ethyl Benzene	10.26	91	324899	19.48	ug/l	99
68) m/p-Xylenes	10.36	106	255434	39.37	ug/l	97
69) o-Xylene	10.70	106	123876	19.71	ug/l	96
70) Styrene	10.71	104	199282	19.55	ug/l	98
71) Bromoform	10.86	173	56975	18.61	ug/l	99
73) Isopropylbenzene	11.02	105	333786	19.73	ug/l	99
74) N-amyl acetate	6.48	43	156517	19.40	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	102373	19.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102140m	22.06	ug/l	
77) Bromobenzene	11.26	156	95335	19.52	ug/l	94
78) n-propylbenzene	11.36	91	369185	19.63	ug/l	97
79) 2-Chlorotoluene	11.42	91	222187	19.39	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	277776	19.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25119	17.73	ug/l	99
82) 4-Chlorotoluene	11.51	91	258470	19.32	ug/l	97
83) tert-Butylbenzene	11.77	119	277292	19.71	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	286310	19.85	ug/l	97
85) sec-Butylbenzene	11.95	105	329373	19.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	297203	19.62	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	171707	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173615	19.14	ug/l	99
89) n-Butylbenzene	12.39	91	238433	18.84	ug/l	99
90) Hexachloroethane	12.60	117	41223	17.82	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	171401	19.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20977	18.63	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126593	19.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	62290	19.11	ug/l	99
95) Naphthalene	13.83	128	349406	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131767	20.18	ug/l	99

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

