

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092115\
 Data File : VH057097.D
 Acq On : 21 Sep 2015 18:13
 Operator : SY/FY
 Sample : VH0921MBSD01
 Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:55:04 PM

Quant Time: Sep 22 06:55:08 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	924194	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.55	114	1656598	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.71	117	1252923	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	364873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.79	65	695216	42.12	ug/l	-0.02
Spiked Amount	50.000	Range	66 - 150	Recovery	=	84.24%
35) Dibromofluoromethane	4.06	113	651183	49.37	ug/l	-0.02
Spiked Amount	50.000	Range	76 - 130	Recovery	=	98.74%
48) Toluene-d8	7.50	98	1721025	45.38	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	90.76%
62) 4-Bromofluorobenzene	11.35	95	579781	45.33	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	90.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	173483	15.31	ug/l	88
3) Chloromethane	1.01	50	214582	14.59	ug/l	95
4) Vinyl Chloride	1.08	62	190287	15.65	ug/l	100
5) Bromomethane	1.26	94	111250	17.38	ug/l	88
6) Chloroethane	1.34	64	93542	16.07	ug/l	# 85
7) Trichlorofluoromethane	1.39	101	137350	12.08	ug/l	95
8) Tert butyl alcohol	2.52	59	235287	79.40	ug/l	# 95
9) Diethyl Ether	1.60	74	109946	19.56	ug/l	78
10) Diisopropyl ether	2.77	45	688098	16.70	ug/l	# 95
11) 1,1-Dichloroethene	1.72	96	162664	19.08	ug/l	# 73
12) Methyl Iodide	1.85	142	309944m	20.63	ug/l	
13) Acrolein	1.97	56	169827	95.84	ug/l	99
14) 1,1,2-Trichlorotrifluoroet	1.79	101	154186	18.56	ug/l	# 92
15) Acrylonitrile	2.89	53	499973	92.52	ug/l	95
16) Allyl Chloride	2.06	41	286086	16.28	ug/l	96
17) Acetone	2.20	43	560202	61.12	ug/l	95
18) Carbon Disulfide	1.76	76	446693	17.77	ug/l	95
19) Methyl Acetate	2.30	43	760862	17.71	ug/l	97
20) Methyl tert-butyl Ether	2.39	73	629357	18.44	ug/l	98
21) Methylene Chloride	2.15	84	195339m	20.94	ug/l	
22) trans-1,2-Dichloroethene	2.27	96	180513	19.26	ug/l	93
23) Vinyl Acetate	3.15	43	1713793	87.89	ug/l	# 95
24) 1,1-Dichloroethane	2.83	63	333479	16.44	ug/l	98
25) 2-Butanone	4.29	43	1295720	84.52	ug/l	92
26) 2,2-Dichloropropane	3.55	77	220691	17.33	ug/l	98
27) cis-1,2-Dichloroethene	3.43	96	259989	19.86	ug/l	90
28) Bromochloromethane	3.66	128	100164	22.91	ug/l	84
29) Chloroform	3.81	83	411963	17.18	ug/l	96
30) Cyclohexane	3.64	56	251190	15.45	ug/l	# 91
31) Tetrahydrofuran	4.03	42	730485	84.89	ug/l	# 86
32) 1,1,1-Trichloroethane	4.04	97	286643	16.60	ug/l	96
36) 1,1-Dichloropropene	4.23	75	307398	16.89	ug/l	89
37) Ethyl acetate	4.06	43	589053	17.24	ug/l	# 95
38) Carbon Tetrachloride	3.94	117	233506	16.48	ug/l	96

Data Path : W:\HPCHEM1\MSVOA H\DATA\XH092115\
 Data File : VH057097.D
 Acq On : 21 Sep 2015 18:13
 Operator : SY/FY
 Sample : VH0921MBSD01
 Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleID :
 VH0921MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:55:04 PM

Quant Time: Sep 22 06:55:08 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:34:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	820004	18.92	ug/l	98
40) Methacrylonitrile	4.70	41	262865	17.38	ug/l	94
41) 1,2-Dichloroethane	4.89	62	313079	16.37	ug/l #	91
42) Isopropyl Acetate	5.43	43	778485	17.45	ug/l #	92
43) Trichloroethene	5.45	130	220151	19.99	ug/l	93
44) Methylcyclohexane	5.41	83	187167	17.84	ug/l	90
45) 1,2-Dichloropropane	6.18	63	241019	17.54	ug/l	92
46) Dibromomethane	6.04	93	165244	18.49	ug/l	89
47) Bromodichloromethane	6.33	83	325785	17.80	ug/l	95
49) 4-Methyl-2-Pentanone	8.20	43	2363105	87.44	ug/l	99
50) Toluene	7.57	92	512426	18.46	ug/l	97
51) t-1,3-Dichloropropene	8.22	75	365596	17.42	ug/l	99
52) Methyl Methacrylate	6.67	69	265327	19.51	ug/l	84
53) 1,4-Dioxane	6.66	88	57884	362.92	ug/l #	86
54) cis-1,3-Dichloropropene	7.25	75	399369	17.92	ug/l	92
55) 1,1,2-Trichloroethane	8.43	97	218620	18.56	ug/l	96
56) Ethyl Methacrylate	8.57	69	424217	18.23	ug/l	90
57) 1,3-Dichloropropane	8.79	76	449053	18.74	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.25	63	1098944	95.52	ug/l #	90
59) 2-Hexanone	9.43	43	1768737	83.76	ug/l	98
60) Dibromochloromethane	8.65	129	246506	18.46	ug/l	97
61) 1,2-Dibromoethane	8.92	107	267322	19.72	ug/l	99
64) Tetrachloroethene	8.10	164	147362	20.76	ug/l	97
65) Chlorobenzene	9.73	112	514871	18.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.86	131	190214	20.22	ug/l	96
67) Ethyl Benzene	9.83	106	243700	18.68	ug/l	99
68) m/p-Xylenes	10.06	106	602921	37.98	ug/l	94
69) o-Xylene	10.65	106	288165	18.91	ug/l	100
70) Styrene	10.73	104	517018	19.42	ug/l	95
71) Bromoform	10.70	173	158179	19.65	ug/l	96
73) Isopropylbenzene	11.06	105	605524	18.17	ug/l	95
74) n-Amyl Acetate	11.32	43	612639	17.30	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.63	83	347462	19.89	ug/l	99
76) 1,2,3-Trichloropropane	11.73	75	259182	18.91	ug/l	97
77) Bromobenzene	11.43	156	190712	20.11	ug/l	86
78) n-propylbenzene	11.54	91	633878	17.79	ug/l	98
79) 2-Chlorotoluene	11.65	91	376236	17.51	ug/l	98
80) 1,3,5-Trimethylbenzene	11.77	105	394917	18.14	ug/l	96
81) trans-1,4-Dichloro-2-Buten	11.81	75	189112	18.93	ug/l	93
82) 4-Chlorotoluene	11.83	91	479248	18.46	ug/l	97
83) tert-Butylbenzene	12.06	119	384432	18.70	ug/l	93
84) 1,2,4-Trimethylbenzene	12.14	105	404791	18.01	ug/l	98
85) sec-Butylbenzene	12.24	105	395377	17.98	ug/l	98
86) p-Isopropyltoluene	12.39	119	320485	19.20	ug/l	96
87) 1,3-Dichlorobenzene	12.41	146	214864	18.99	ug/l	97
88) 1,4-Dichlorobenzene	12.50	146	232114	19.81	ug/l	96
89) n-Butylbenzene	12.78	91	238608	17.88	ug/l	96
90) Hexachloroethane	12.84	117	64036	18.12	ug/l	82
91) 1,2-Dichlorobenzene	12.88	146	193825	19.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.57	75	32721	16.70	ug/l	82

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092115\
Data File : VH057097.D
Acq On : 21 Sep 2015 18:13
Operator : SY/FY
Sample : VH0921MBSD01
Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBSD01

Manual Integrations
APPROVED

MMDadoda
9/22/2015 2:55:04 PM

Quant Time: Sep 22 06:55:08 2015
Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:34:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.12	180	43263	21.26	ug/l	97
94) Hexachlorobutadiene	14.12	225	21568	20.45	ug/l	90
95) Naphthalene	14.37	128	192458	23.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.52	180	31767	23.79	ug/l	91

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

