

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092115\
 Data File : VH057095.D
 Acq On : 21 Sep 2015 17:06
 Operator : SY/FY
 Sample : VH0921MBS02
 Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:55:00 PM

Quant Time: Sep 22 06:46:49 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	4.84	168	1003387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.56	114	1726148	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.71	117	1296862	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	343425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.81	65	686115	38.29	ug/l	0.00
Spiked Amount	50.000	Range	66 - 150	Recovery	=	76.58%
35) Dibromofluoromethane	4.08	113	649365	47.25	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	94.50%
48) Toluene-d8	7.51	98	1875099	47.45	ug/l	0.00
Spiked Amount	50.000	Range	78 - 121	Recovery	=	94.90%
62) 4-Bromofluorobenzene	11.35	95	603099	45.25	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	90.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	190451	15.47	ug/l	99
3) Chloromethane	1.02	50	251255	15.74	ug/l	99
4) Vinyl Chloride	1.08	62	202969	15.38	ug/l	98
5) Bromomethane	1.27	94	120485	17.32	ug/l	92
6) Chloroethane	1.35	64	103870	16.54	ug/l	100
7) Trichlorofluoromethane	1.40	101	162095m	13.13	ug/l	
8) Tert butyl alcohol	2.54	59	226676	70.46	ug/l	100
9) Diethyl Ether	1.60	74	108322	17.75	ug/l	71
10) Diisopropyl ether	2.77	45	710500	15.88	ug/l	# 94
11) 1,1-Dichloroethene	1.75	96	175583	18.97	ug/l	88
12) Methyl Iodide	1.86	142	321814	19.73	ug/l	85
13) Acrolein	1.97	56	150684	78.32	ug/l	86
14) 1,1,2-Trichlorotrifluoroet	1.79	101	163606	18.14	ug/l	92
15) Acrylonitrile	2.90	53	481554	82.08	ug/l	97
16) Allyl Chloride	2.07	41	315847	16.55	ug/l	96
17) Acetone	2.20	43	523480	48.22	ug/l	96
18) Carbon Disulfide	1.77	76	483443	17.71	ug/l	96
19) Methyl Acetate	2.32	43	718414	15.41	ug/l	90
20) Methyl tert-butyl Ether	2.40	73	647750	17.48	ug/l	95
21) Methylene Chloride	2.15	84	193532m	19.11	ug/l	
22) trans-1,2-Dichloroethene	2.28	96	193403	19.01	ug/l	91
23) Vinyl Acetate	3.15	43	1700512	80.32	ug/l	97
24) 1,1-Dichloroethane	2.83	63	364238	16.53	ug/l	96
25) 2-Butanone	4.29	43	1254905	75.39	ug/l	97
26) 2,2-Dichloropropane	3.56	77	235523	17.03	ug/l	97
27) cis-1,2-Dichloroethene	3.45	96	266315	18.74	ug/l	88
28) Bromochloromethane	3.69	128	103295	21.76	ug/l	70
29) Chloroform	3.83	83	429882	16.51	ug/l	98
30) Cyclohexane	3.67	56	288898	16.37	ug/l	86
31) Tetrahydrofuran	4.04	42	710947	76.10	ug/l	# 87
32) 1,1,1-Trichloroethane	4.06	97	318247	16.98	ug/l	97
36) 1,1-Dichloropropene	4.25	75	338755	17.86	ug/l	97
37) Ethyl acetate	4.08	43	594659	16.70	ug/l	# 54
38) Carbon Tetrachloride	3.95	117	250747	16.98	ug/l	94

Data Path : W:\HPCHEM1\MSVOA H\DATA\XH092115\
 Data File : VH057095.D
 Acq On : 21 Sep 2015 17:06
 Operator : SY/FY
 Sample : VH0921MBS02
 Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleID :
 VH0921MBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:55:00 PM

Quant Time: Sep 22 06:46:49 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	4.59	78	847009	18.76	ug/l	99
40) Methacrylonitrile	4.70	41	255710	16.23	ug/l	92
41) 1,2-Dichloroethane	4.90	62	322448	16.18	ug/l #	93
42) Isopropyl Acetate	5.45	43	764287	16.44	ug/l #	89
43) Trichloroethene	5.47	130	232277	20.24	ug/l	95
44) Methylcyclohexane	5.43	83	206037	18.85	ug/l	91
45) 1,2-Dichloropropane	6.20	63	254981	17.81	ug/l	98
46) Dibromomethane	6.05	93	167704	18.01	ug/l #	84
47) Bromodichloromethane	6.34	83	336841	17.66	ug/l	97
49) 4-Methyl-2-Pentanone	8.20	43	2366197	84.02	ug/l	100
50) Toluene	7.57	92	538331	18.62	ug/l	97
51) t-1,3-Dichloropropene	8.22	75	389502	17.81	ug/l	93
52) Methyl Methacrylate	6.68	69	251159	17.72	ug/l	92
53) 1,4-Dioxane	6.67	88	42649m	256.62	ug/l	
54) cis-1,3-Dichloropropene	7.25	75	409568	17.64	ug/l	93
55) 1,1,2-Trichloroethane	8.44	97	224145	18.26	ug/l	92
56) Ethyl Methacrylate	8.57	69	433154	17.87	ug/l	89
57) 1,3-Dichloropropane	8.79	76	445643	17.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.25	63	1089773	90.91	ug/l	94
59) 2-Hexanone	9.43	43	1695848	77.07	ug/l	99
60) Dibromochloromethane	8.66	129	240041	17.25	ug/l	99
61) 1,2-Dibromoethane	8.92	107	248402	17.58	ug/l	97
64) Tetrachloroethene	8.11	164	156601	21.31	ug/l	94
65) Chlorobenzene	9.73	112	558608	19.80	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.87	131	182209	18.71	ug/l	94
67) Ethyl Benzene	9.84	106	258844	19.16	ug/l	96
68) m/p-Xylenes	10.07	106	633902	38.58	ug/l	94
69) o-Xylene	10.66	106	314267	19.92	ug/l	97
70) Styrene	10.73	104	535685	19.44	ug/l	96
71) Bromoform	10.71	173	144382	17.33	ug/l	98
73) Isopropylbenzene	11.07	105	615191	19.62	ug/l	97
74) n-Amyl Acetate	11.32	43	607756	18.24	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.64	83	334361	20.33	ug/l #	99
76) 1,2,3-Trichloropropane	11.73	75	241635	18.73	ug/l	93
77) Bromobenzene	11.43	156	191416	21.44	ug/l	91
78) n-propylbenzene	11.53	91	665941	19.86	ug/l	99
79) 2-Chlorotoluene	11.66	91	374844	18.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.76	105	410067	20.01	ug/l	98
81) trans-1,4-Dichloro-2-Buten	11.81	75	181421	19.29	ug/l	90
82) 4-Chlorotoluene	11.84	91	483100	19.77	ug/l	96
83) tert-Butylbenzene	12.07	119	391408	20.23	ug/l	94
84) 1,2,4-Trimethylbenzene	12.14	105	411056	19.43	ug/l	100
85) sec-Butylbenzene	12.24	105	405780	19.61	ug/l	100
86) p-Isopropyltoluene	12.40	119	314790	20.04	ug/l	93
87) 1,3-Dichlorobenzene	12.41	146	217871	20.45	ug/l	99
88) 1,4-Dichlorobenzene	12.50	146	221420	20.07	ug/l	97
89) n-Butylbenzene	12.77	91	243079	19.36	ug/l	98
90) Hexachloroethane	12.85	117	67768	20.38	ug/l	94
91) 1,2-Dichlorobenzene	12.87	146	192904	20.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.57	75	32721	17.75	ug/l	89

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092115\
Data File : VH057095.D
Acq On : 21 Sep 2015 17:06
Operator : SY/FY
Sample : VH0921MBS02
Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
VH0921MBS02

Manual Integrations
APPROVED

MMDadoda
9/22/2015 2:55:00 PM

Quant Time: Sep 22 06:46:49 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	50400	25.42	ug/l	92
94) Hexachlorobutadiene	14.11	225	25209	25.39	ug/l	94
95) Naphthalene	14.37	128	239440	29.63	ug/l	98
96) 1,2,3-Trichlorobenzene	14.52	180	40204	29.98	ug/l	97

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

Data Path : W:\HPCHEM1\MSVOA H\DATA\VH092115\
 Data File : VH057095.D
 Acd On : 21 Sep 2015 17:06
 Operator : SY/FY
 Sample : VH0921MBS02
 Misc : 5.00/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:55:00 PM

Quant Time: Sep 22 06:46:49 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

