

Data Path : W:\HPCHEM1\MSVOA H\DATA\XH092115\
 Data File : VH057089.D
 Acq On : 21 Sep 2015 12:29
 Operator : SY/FY
 Sample : VH0921MBS01
 Misc : 5.00g/10mL/100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0921MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:54:32 PM

Quant Time: Sep 22 04:56:26 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	716049	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.55	114	1282333	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.70	117	1036969	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	308278	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.79	65	564410	44.14	ug/l	-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery =	88.28%		
35) Dibromofluoromethane	4.06	113	481671	47.18	ug/l	-0.02
Spiked Amount 50.000	Range 76 - 130		Recovery =	94.36%		
48) Toluene-d8	7.50	98	1343889	45.78	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery =	91.56%		
62) 4-Bromofluorobenzene	11.35	95	475585	48.04	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery =	96.08%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.93	85	191372	21.51	ug/l	100
3) Chloromethane	1.03	50	223626	19.63	ug/l	98
4) Vinyl Chloride	1.08	62	185363	19.68	ug/l	99
5) Bromomethane	1.27	94	101000	21.40	ug/l	93
6) Chloroethane	1.34	64	92819	21.86	ug/l	94
7) Trichlorofluoromethane	1.40	101	161180m	18.30	ug/l	
8) Tert butyl alcohol	2.53	59	233390	101.66	ug/l	99
9) Diethyl Ether	1.61	74	98726	22.67	ug/l	63
10) Diisopropyl ether	2.77	45	622507	19.50	ug/l #	95
11) 1,1-Dichloroethene	1.72	96	150109	22.72	ug/l	91
12) Methyl Iodide	1.85	142	279827m	24.04	ug/l	
13) Acrolein	1.97	56	150618	109.71	ug/l	94
14) 1,1,2-Trichlorotrifluoroet	1.80	101	146304	22.74	ug/l	90
15) Acrylonitrile	2.89	53	416963	99.58	ug/l	99
16) Allyl Chloride	2.06	41	284370	20.88	ug/l	97
17) Acetone	2.20	43	543988	84.58	ug/l	95
18) Carbon Disulfide	1.77	76	452671	23.24	ug/l	100
19) Methyl Acetate	2.30	43	604884	18.18	ug/l	99
20) Methyl tert-butyl Ether	2.40	73	580592	21.95	ug/l	97
21) Methylene Chloride	2.15	84	164723	22.79	ug/l #	81
22) trans-1,2-Dichloroethene	2.27	96	165817	22.84	ug/l	98
23) Vinyl Acetate	3.15	43	1559717	103.24	ug/l	99
24) 1,1-Dichloroethane	2.83	63	318328	20.25	ug/l	100
25) 2-Butanone	4.29	43	1226687	103.27	ug/l	97
26) 2,2-Dichloropropane	3.56	77	219598	22.25	ug/l	99
27) cis-1,2-Dichloroethene	3.43	96	226836	22.37	ug/l	92
28) Bromochloromethane	3.67	128	52690	15.55	ug/l	81
29) Chloroform	3.81	83	391097	21.05	ug/l	100
30) Cyclohexane	3.65	56	258426	20.52	ug/l	93
31) Tetrahydrofuran	4.03	42	668124	100.21	ug/l	92
32) 1,1,1-Trichloroethane	4.04	97	290779	21.74	ug/l	96
36) 1,1-Dichloropropene	4.23	75	301509	21.40	ug/l	98
37) Ethyl acetate	4.06	43	538168	20.35	ug/l #	55
38) Carbon Tetrachloride	3.95	117	250765m	22.86	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	704402	21.00	ug/l	95
40) Methacrylonitrile	4.70	41	250441	21.39	ug/l	96
41) 1,2-Dichloroethane	4.89	62	298860	20.18	ug/l #	95
42) Isopropyl Acetate	5.43	43	714571	20.69	ug/l	98
43) Trichloroethene	5.46	130	191652	22.48	ug/l	98
44) Methylcyclohexane	5.41	83	179465	22.10	ug/l	97
45) 1,2-Dichloropropane	6.18	63	231311	21.75	ug/l	100
46) Dibromomethane	6.03	93	142884	20.65	ug/l	94
47) Bromodichloromethane	6.33	83	310650	21.92	ug/l	100
49) 4-Methyl-2-Pentanone	8.19	43	2248939	107.50	ug/l	97
50) Toluene	7.57	92	472624	22.00	ug/l	96
51) t-1,3-Dichloropropene	8.22	75	356712	21.96	ug/l	98
52) Methyl Methacrylate	6.67	69	226434	21.51	ug/l	98
53) 1,4-Dioxane	6.66	88	45411	367.81	ug/l #	88
54) cis-1,3-Dichloropropene	7.25	75	373019	21.62	ug/l	99
55) 1,1,2-Trichloroethane	8.43	97	206202	22.61	ug/l	97
56) Ethyl Methacrylate	8.56	69	372979	20.71	ug/l	94
57) 1,3-Dichloropropane	8.79	76	392249	21.15	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.24	63	1137763	127.76	ug/l	93
59) 2-Hexanone	9.43	43	1609935	98.49	ug/l	99
60) Dibromochloromethane	8.65	129	236062	22.83	ug/l	93
61) 1,2-Dibromoethane	8.91	107	220074	20.97	ug/l	98
64) Tetrachloroethene	8.10	164	133457	22.71	ug/l	98
65) Chlorobenzene	9.73	112	487891	21.62	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.86	131	177907	22.85	ug/l	93
67) Ethyl Benzene	9.83	106	231765	21.46	ug/l	98
68) m/p-Xylenes	10.06	106	584850	44.52	ug/l	98
69) o-Xylene	10.64	106	285068	22.60	ug/l	94
70) Styrene	10.73	104	475156	21.57	ug/l	97
71) Bromoform	10.71	173	151787	22.78	ug/l	98
73) Isopropylbenzene	11.07	105	611424	21.72	ug/l	99
74) n-Amyl Acetate	11.32	43	594890	19.89	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.63	83	306901	20.79	ug/l	98
76) 1,2,3-Trichloropropane	11.73	75	236930	20.46	ug/l	97
77) Bromobenzene	11.43	156	181680	22.67	ug/l	96
78) n-propylbenzene	11.53	91	670317	22.27	ug/l	97
79) 2-Chlorotoluene	11.66	91	384482	21.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.76	105	421753	22.92	ug/l	97
81) trans-1,4-Dichloro-2-Buten	11.80	75	176041	20.86	ug/l	95
82) 4-Chlorotoluene	11.83	91	482033	21.98	ug/l	100
83) tert-Butylbenzene	12.06	119	402467	23.17	ug/l	97
84) 1,2,4-Trimethylbenzene	12.14	105	420561	22.15	ug/l	98
85) sec-Butylbenzene	12.24	105	432210	23.27	ug/l	98
86) p-Isopropyltoluene	12.39	119	335766	23.81	ug/l	96
87) 1,3-Dichlorobenzene	12.41	146	212774	22.25	ug/l	98
88) 1,4-Dichlorobenzene	12.50	146	225364	22.76	ug/l	98
89) n-Butylbenzene	12.77	91	265212	23.53	ug/l	95
90) Hexachloroethane	12.84	117	71510	23.95	ug/l	91
91) 1,2-Dichlorobenzene	12.87	146	190470	22.11	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.57	75	29484	17.81	ug/l	97

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93) 1,2,4-Trichlorobenzene	14.13	180	32036	19.10	ug/l	95
94) Hexachlorobutadiene	14.12	225	22061	24.75	ug/l	95
95) Naphthalene	14.38	128	121556	18.87	ug/l	94
96) 1,2,3-Trichlorobenzene	14.52	180	20108	19.28	ug/l	94

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

