

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057103.D
 Acq On : 22 Sep 2015 13:40
 Operator : SY/FY
 Sample : VH0922MBS01
 Misc : 5.00g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VH0922MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2015 11:46:47 AM

Quant Time: Sep 23 04:53:39 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	4.81	168	963591	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.54	114	1646726	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.71	117	1306378	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	400109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.79	65	703956	40.91	ug/l	-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery =	81.82%		
35) Dibromofluoromethane	4.05	113	627781	47.88	ug/l	-0.03
Spiked Amount 50.000	Range 76 - 130		Recovery =	95.76%		
48) Toluene-d8	7.50	98	1716700	45.54	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery =	91.08%		
62) 4-Bromofluorobenzene	11.34	95	605488	47.62	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery =	95.24%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.94	85	213122	17.92	ug/l	91
3) Chloromethane	1.02	50	250257	16.32	ug/l	97
4) Vinyl Chloride	1.09	62	212232	16.75	ug/l	100
5) Bromomethane	1.26	94	112312	16.64	ug/l	97
6) Chloroethane	1.35	64	104894	17.63	ug/l	94
7) Trichlorofluoromethane	1.40	101	173230m	14.61	ug/l	
8) Tert butyl alcohol	2.53	59	274094	88.72	ug/l #	96
9) Diethyl Ether	1.60	74	119588	20.41	ug/l	69
10) Diisopropyl ether	2.76	45	724157	16.86	ug/l #	92
11) 1,1-Dichloroethene	1.76	96	185175m	20.83	ug/l	
12) Methyl Iodide	1.85	142	347901m	22.21	ug/l	
13) Acrolein	1.96	56	91145	49.33	ug/l #	82
14) 1,1,2-Trichlorotrifluoroet	1.79	101	169664	19.59	ug/l	91
15) Acrylonitrile	2.90	53	512219	90.91	ug/l	95
16) Allyl Chloride	2.05	41	329378	17.97	ug/l	96
17) Acetone	2.20	43	625475	67.68	ug/l	97
18) Carbon Disulfide	1.77	76	509160	19.42	ug/l	99
19) Methyl Acetate	2.31	43	799189	17.85	ug/l	95
20) Methyl tert-butyl Ether	2.39	73	679742	19.10	ug/l	97
21) Methylene Chloride	2.14	84	201779m	20.75	ug/l	
22) trans-1,2-Dichloroethene	2.28	96	199614	20.43	ug/l	86
23) Vinyl Acetate	3.14	43	1829902	90.01	ug/l	97
24) 1,1-Dichloroethane	2.82	63	377710	17.85	ug/l	96
25) 2-Butanone	4.28	43	1413216	88.41	ug/l	99
26) 2,2-Dichloropropane	3.55	77	259176	19.52	ug/l	96
27) cis-1,2-Dichloroethene	3.42	96	282863	20.72	ug/l	93
28) Bromochloromethane	3.66	128	96957	21.27	ug/l	81
29) Chloroform	3.81	83	460981	18.44	ug/l	99
30) Cyclohexane	3.64	56	300897	17.75	ug/l	98
31) Tetrahydrofuran	4.02	42	775699	86.46	ug/l #	87
32) 1,1,1-Trichloroethane	4.04	97	327574	18.20	ug/l	99
36) 1,1-Dichloropropene	4.23	75	356824	19.72	ug/l	94
37) Ethyl acetate	4.07	43	626988	18.46	ug/l	92
38) Carbon Tetrachloride	3.94	117	265806	18.87	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.58	78	888314	20.62	ug/l	99
40) Methacrylonitrile	4.69	41	279885	18.62	ug/l	95
41) 1,2-Dichloroethane	4.89	62	347853	18.29	ug/l	100
42) Isopropyl Acetate	5.43	43	818963	18.47	ug/l	95
43) Trichloroethene	5.45	130	242057	22.11	ug/l	91
44) Methylcyclohexane	5.41	83	217952	20.90	ug/l	94
45) 1,2-Dichloropropane	6.18	63	257841	18.88	ug/l	93
46) Dibromomethane	6.04	93	177237	19.95	ug/l #	80
47) Bromodichloromethane	6.33	83	359656	19.77	ug/l	95
49) 4-Methyl-2-Pentanone	8.19	43	2513910	93.57	ug/l	99
50) Toluene	7.57	92	556831	20.18	ug/l	99
51) t-1,3-Dichloropropene	8.21	75	406194	19.47	ug/l	99
52) Methyl Methacrylate	6.67	69	275454	20.38	ug/l	93
53) 1,4-Dioxane	6.66	88	65001	409.98	ug/l	92
54) cis-1,3-Dichloropropene	7.24	75	447962	20.22	ug/l	91
55) 1,1,2-Trichloroethane	8.42	97	242245	20.68	ug/l	95
56) Ethyl Methacrylate	8.56	69	454490	19.65	ug/l	95
57) 1,3-Dichloropropane	8.78	76	476367	20.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.24	63	1116235	97.61	ug/l #	89
59) 2-Hexanone	9.42	43	1823713	86.88	ug/l	99
60) Dibromochloromethane	8.65	129	286107	21.55	ug/l	94
61) 1,2-Dibromoethane	8.92	107	289450	21.48	ug/l	100
64) Tetrachloroethene	8.10	164	165879	22.41	ug/l	98
65) Chlorobenzene	9.73	112	594159	20.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.85	131	214483	21.87	ug/l	97
67) Ethyl Benzene	9.83	106	290158	21.33	ug/l	84
68) m/p-Xylenes	10.06	106	689422	41.65	ug/l	97
69) o-Xylene	10.65	106	330399	20.79	ug/l	94
70) Styrene	10.72	104	571052	20.57	ug/l	99
71) Bromoform	10.70	173	185108	22.06	ug/l	94
73) Isopropylbenzene	11.06	105	738277	20.20	ug/l	99
74) n-Amyl Acetate	11.31	43	670085	17.26	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.63	83	387196	20.21	ug/l	99
76) 1,2,3-Trichloropropane	11.72	75	298568	19.86	ug/l	98
77) Bromobenzene	11.43	156	234018	22.50	ug/l	90
78) n-propylbenzene	11.53	91	786420	20.13	ug/l	99
79) 2-Chlorotoluene	11.66	91	467631	19.84	ug/l	91
80) 1,3,5-Trimethylbenzene	11.75	105	480724	20.13	ug/l	100
81) trans-1,4-Dichloro-2-Buten	11.80	75	206916	18.89	ug/l	98
82) 4-Chlorotoluene	11.83	91	568518	19.97	ug/l	98
83) tert-Butylbenzene	12.06	119	475182	21.08	ug/l	95
84) 1,2,4-Trimethylbenzene	12.13	105	535998	21.75	ug/l	99
85) sec-Butylbenzene	12.24	105	495252	20.54	ug/l	95
86) p-Isopropyltoluene	12.39	119	419065	22.90	ug/l	93
87) 1,3-Dichlorobenzene	12.41	146	276542	22.28	ug/l	96
88) 1,4-Dichlorobenzene	12.49	146	271928	21.16	ug/l	93
89) n-Butylbenzene	12.78	91	319028	21.81	ug/l	97
90) Hexachloroethane	12.84	117	85133	21.97	ug/l	98
91) 1,2-Dichlorobenzene	12.87	146	251540	22.50	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.57	75	37767	17.58	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.12	180	46556	20.93	ug/l	85
94) Hexachlorobutadiene	14.11	225	28677	24.79	ug/l	94
95) Naphthalene	14.38	128	164646	19.48	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.52	180	26334	19.40	ug/l	89

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

