

Data Path : W:\HPCHEM1\MSVOA H\DATA\XH091715\
 Data File : VH057073.D
 Acq On : 17 Sep 2015 19:02
 Operator : SY/FY
 Sample : VSTDICCC050
 Misc : 5mL/MSVOA H/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2015 3:41:08 PM

Quant Time: Sep 18 09:42:48 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 09:34:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	766717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	1421414	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.73	117	1172798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.49	152	358976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.81	65	665826	55.01	ug/l	0.00
Spiked Amount	50.000	Range	66 - 150	Recovery	=	110.02%
35) Dibromofluoromethane	4.08	113	575330	55.92	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	111.84%
48) Toluene-d8	7.52	98	1624646	59.48	ug/l	0.00
Spiked Amount	50.000	Range	78 - 121	Recovery	=	118.96%
62) 4-Bromofluorobenzene	11.35	95	597740	60.04	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	120.08%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	474468	48.99	ug/l	96
3) Chloromethane	1.03	50	598609	44.26	ug/l	96
4) Vinyl Chloride	1.08	62	490632	44.09	ug/l	99
5) Bromomethane	1.26	94	227935	41.49	ug/l	95
6) Chloroethane	1.35	64	214601	38.41	ug/l	95
7) Trichlorofluoromethane	1.40	101	498327m	60.31	ug/l	
8) Tert butyl alcohol	2.55	59	599907	235.43	ug/l	# 95
9) Diethyl Ether	1.61	74	228103	41.49	ug/l	79
10) Diisopropyl ether	2.79	45	1672392	41.95	ug/l	99
11) 1,1-Dichloroethene	1.76	96	338503	43.40	ug/l	95
12) Methyl Iodide	1.87	142	590996	45.82	ug/l	98
13) Acrolein	1.97	56	361234	217.31	ug/l	97
14) 1,1,2-Trichlorotrifluoroet	1.80	101	330715	44.27	ug/l	98
15) Acrylonitrile	2.91	53	1092199	192.00	ug/l	96
16) Allyl Chloride	2.08	41	707199	39.49	ug/l	92
17) Acetone	2.21	43	1484051	237.21	ug/l	100
18) Carbon Disulfide	1.78	76	1012934	42.28	ug/l	98
19) Methyl Acetate	2.32	43	1697867	38.04	ug/l	100
20) Methyl tert-butyl Ether	2.40	73	1379008	45.35	ug/l	96
21) Methylene Chloride	2.15	84	370984m	41.76	ug/l	
22) trans-1,2-Dichloroethene	2.29	96	379743	44.15	ug/l	97
23) Vinyl Acetate	3.17	43	3949308	226.15	ug/l	99
24) 1,1-Dichloroethane	2.85	63	802945	42.95	ug/l	99
25) 2-Butanone	4.31	43	3047220	220.67	ug/l	99
26) 2,2-Dichloropropane	3.57	77	498460	48.53	ug/l	98
27) cis-1,2-Dichloroethene	3.45	96	530045	48.89	ug/l	97
28) Bromochloromethane	3.69	128	189555	46.85	ug/l	88
29) Chloroform	3.83	83	967556	49.38	ug/l	98
30) Cyclohexane	3.67	56	659068	46.17	ug/l	94
31) Tetrahydrofuran	4.05	42	1769630	220.53	ug/l	96
32) 1,1,1-Trichloroethane	4.06	97	639989	47.04	ug/l	98
36) 1,1-Dichloropropene	4.25	75	742006	50.90	ug/l	96
37) Ethyl acetate	4.08	43	1391317	45.64	ug/l	# 55
38) Carbon Tetrachloride	3.97	117	588150	51.20	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.60	78	1774968	48.47	ug/l	98
40) Methacrylonitrile	4.72	41	645379	45.62	ug/l	93
41) 1,2-Dichloroethane	4.92	62	796645	50.75	ug/l	98
42) Isopropyl Acetate	5.46	43	1833145	46.51	ug/l	98
43) Trichloroethene	5.48	130	471465	51.77	ug/l	93
44) Methylcyclohexane	5.43	83	441140	48.89	ug/l	99
45) 1,2-Dichloropropane	6.19	63	576683	48.96	ug/l	99
46) Dibromomethane	6.06	93	372158	50.28	ug/l	98
47) Bromodichloromethane	6.35	83	775355	51.31	ug/l	98
49) 4-Methyl-2-Pentanone	8.22	43	5520065	228.48	ug/l	99
50) Toluene	7.58	92	1156134	49.37	ug/l	92
51) t-1,3-Dichloropropene	8.24	75	910321	52.32	ug/l	99
52) Methyl Methacrylate	6.69	69	599262	50.46	ug/l	95
53) 1,4-Dioxane	6.68	88	131444	1127.51	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	937739	49.40	ug/l	96
55) 1,1,2-Trichloroethane	8.44	97	521637	54.71	ug/l	98
56) Ethyl Methacrylate	8.58	69	1038070	52.49	ug/l	94
57) 1,3-Dichloropropane	8.80	76	1044211	52.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.26	63	2661504	156.76	ug/l	98
59) 2-Hexanone	9.44	43	4364922	247.78	ug/l	99
60) Dibromochloromethane	8.66	129	583753	53.94	ug/l	98
61) 1,2-Dibromoethane	8.94	107	606841	54.34	ug/l	100
64) Tetrachloroethene	8.11	164	317705	48.08	ug/l	91
65) Chlorobenzene	9.75	112	1307423	53.40	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.87	131	439603	51.13	ug/l	95
67) Ethyl Benzene	9.85	106	598700	48.78	ug/l	96
68) m/p-Xylenes	10.08	106	1498122	101.60	ug/l	98
69) o-Xylene	10.66	106	713695	50.15	ug/l	96
70) Styrene	10.73	104	1266471	52.81	ug/l	99
71) Bromoform	10.72	173	385538	54.78	ug/l	96
73) Isopropylbenzene	11.07	105	1509508	44.74	ug/l	100
74) n-Amyl Acetate	11.32	43	1589791	43.33	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.64	83	791159	45.36	ug/l	97
76) 1,2,3-Trichloropropane	11.73	75	617420	45.48	ug/l	96
77) Bromobenzene	11.44	156	449490	49.41	ug/l	87
78) n-propylbenzene	11.54	91	1667571	47.00	ug/l	98
79) 2-Chlorotoluene	11.66	91	978575	45.53	ug/l	97
80) 1,3,5-Trimethylbenzene	11.77	105	1004728	48.14	ug/l	99
81) trans-1,4-Dichloro-2-Buten	11.81	75	454514	43.84	ug/l	98
82) 4-Chlorotoluene	11.84	91	1235529	48.11	ug/l	94
83) tert-Butylbenzene	12.07	119	923753	47.06	ug/l	99
84) 1,2,4-Trimethylbenzene	12.14	105	1052588	49.91	ug/l	100
85) sec-Butylbenzene	12.25	105	1054142	50.47	ug/l	100
86) p-Isopropyltoluene	12.40	119	785664	49.05	ug/l	97
87) 1,3-Dichlorobenzene	12.42	146	529875	48.79	ug/l	100
88) 1,4-Dichlorobenzene	12.50	146	544889	47.66	ug/l	98
89) n-Butylbenzene	12.79	91	647007	51.55	ug/l	98
90) Hexachloroethane	12.85	117	167669	49.17	ug/l	97
91) 1,2-Dichlorobenzene	12.88	146	468907	50.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.57	75	90130	51.00	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.13	180	107771	64.15	ug/l	87
94) Hexachlorobutadiene	14.12	225	51873	61.26	ug/l	92
95) Naphthalene	14.38	128	397642	55.03	ug/l	97
96) 1,2,3-Trichlorobenzene	14.53	180	67239	63.08	ug/l	98

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

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