Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085984.D
Acq On : 2 Apr 2016 2:06
Operator : UM/SJ
Sample : H1824-05
Misc : LOD 1PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-01

Manual Integrations APPROVED
Sohil
4/4/2016 7:43:05 PM

Quant Time: Apr 02 03:09:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105281	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	422605	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	192544	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	391089	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	346529	20.00	ng		0.00
86) Perylene-d12	15.33	264	288165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	744419	120.86	ng		0.00
7) Phenol-d6	6.42	99	1007413	128.77	ng		0.00
23) Nitrobenzene-d5	7.34	82	615922	85.95	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	283059	156.63	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1086759	93.85	ng		0.00
78) Terphenyl-d14	12.88	244	1118334	75.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	1414	0.48	ng	#	75
6) Aniline	6.45	93	6008	0.59	ng		90
8) 2-Chlorophenol	6.56	128	6446	0.88	ng		85
9) Benzaldehyde	6.37	77	3589	0.85	ng		95
10) Phenol	6.43	94	7054	0.79	ng		83
11) bis(2-Chloroethyl)ether	6.52	93	6302	0.89	ng		96
12) 1,3-Dichlorobenzene	6.73	146	6377	0.82	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	6811	0.85	ng		93
14) 1,2-Dichlorobenzene	6.94	146	6153	0.83	ng		96
15) Benzyl Alcohol	6.92	79	9672	1.91	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	7.06	45	6616	0.77	ng	#	34
17) 2-Methylphenol	7.06	107	6081	1.05	ng	#	73
18) Hexachloroethane	7.28	117	2354	0.80	ng	#	76
19) n-Nitroso-di-n-propylamine	7.18	70	3528	0.73	ng	#	78
20) 3+4-Methylphenols	7.24	107	5645	0.80	ng	#	66
22) Acetophenone	7.21	105	8265	0.83	ng	#	89
24) Nitrobenzene	7.36	77	8374	1.07	ng		98
25) Isophorone	7.61	82	11378m	0.80	ng		
26) 2-Nitrophenol	7.71	139	1783	0.48	ng	#	88
27) 2,4-Dimethylphenol	7.74	122	4206	0.62	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	6516	0.79	ng		95
29) 2,4-Dichlorophenol	7.96	162	3574	0.63	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	5252	0.82	ng		96
31) Naphthalene	8.08	128	18773	0.88	ng		98
33) 4-Chloroaniline	8.17	127	5003m	0.58	ng		
34) Hexachlorobutadiene	8.20	225	2648	0.77	ng		97
35) Caprolactam	8.49	113	744	0.41	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	4049	0.63	ng		94
37) 2-Methylnaphthalene	8.77	142	11924m	0.86	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	5257	0.91	ng	#	86
42) 2,4,6-Trichlorophenol	9.07	196	2066	0.56	ng		90
43) 2,4,5-Trichlorophenol	9.15	196	2039m	0.54	ng		
45) 1,1'-Biphenyl	9.24	154	14315	0.86	ng		96
46) 2-Chloronaphthalene	9.26	162	10786	0.90	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.39	65	2190	0.62	ng	#	81
48) Acenaphthylene	9.68	152	16955	0.88	ng		98
49) Dimethylphthalate	9.54	163	12043	0.84	ng		98
50) 2,6-Dinitrotoluene	9.61	165	1772	0.59	ng		96
51) Acenaphthene	9.84	154	11909	1.04	ng		98
52) 3-Nitroaniline	9.80	138	1723	0.47	ng	#	1
54) Dibenzofuran	10.02	168	16478	1.09	ng		94
56) 2,4-Dinitrotoluene	10.03	165	1872	0.49	ng	#	47
57) Fluorene	10.36	166	12481	0.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	1916	0.68	ng	#	86
59) Diethylphthalate	10.24	149	11965	0.83	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	5912	0.98	ng		95
61) 4-Nitroaniline	10.41	138	929	0.26	ng		75
62) Azobenzene	10.51	77	12086	0.88	ng		97
65) n-Nitrosodiphenylamine	10.46	169	9867	0.81	ng		97
66) 4-Bromophenyl-phenylether	10.84	248	2985	0.75	ng		90
67) Hexachlorobenzene	10.91	284	3409	0.83	ng		94
68) Atrazine	11.00	200	2763	0.70	ng		94
70) Phenanthrene	11.32	178	20327	0.95	ng		96
71) Anthracene	11.38	178	19439	0.87	ng		97
72) Carbazole	11.54	167	15864	0.83	ng		98
73) Di-n-butylphthalate	11.86	149	17219	0.72	ng		98
74) Fluoranthene	12.51	202	17984	0.81	ng		90
76) Benzidine	12.65	184	3572	0.29	ng	#	84
77) Pyrene	12.74	202	18451	0.76	ng		99
79) Butylbenzylphthalate	13.35	149	5556	0.51	ng	#	78
80) Benzo(a)anthracene	13.92	228	18598	0.91	ng		96
81) 3,3'-Dichlorobenzidine	13.89	252	2473	0.17	ng	#	77
82) Chrysene	13.95	228	15795	0.80	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	8081	0.55	ng	#	99
84) Di-n-octyl phthalate	14.51	149	9488	0.41	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.71	276	10306	0.65	ng		92
87) Benzo(b)fluoranthene	14.95	252	13792m	0.76	ng		
88) Benzo(k)fluoranthene	14.97	252	13153m	0.82	ng		
89) Benzo(a)pyrene	15.28	252	12879	0.80	ng		96
90) Dibenzo(a,h)anthracene	16.71	278	8487	0.66	ng		96
91) Benzo(g,h,i)perylene	17.12	276	8494	0.68	ng		96

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

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