Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086000.D
Acq On : 2 Apr 2016 9:46
Operator : UM/SJ
Sample : H2055-01MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1(0-2)MS

Manual Integrations APPROVED
Sohil
4/4/2016 7:44:44 PM

Quant Time: Apr 04 01:51:21 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	123329	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	501901	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	239661	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	461954	20.00	ng		0.00
75) Chrysene-d12	13.93	240	360453	20.00	ng		0.00
86) Perylene-d12	15.33	264	315234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	915639	126.90	ng		0.01
7) Phenol-d6	6.42	99	1242781	135.61	ng		0.00
23) Nitrobenzene-d5	7.34	82	730170	85.79	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	316519	140.71	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1299121	90.13	ng		0.00
78) Terphenyl-d14	12.88	244	1200430	78.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	128656	37.61	ng		99
3) Pyridine	3.07	79	353368	46.14	ng		94
4) n-Nitrosodimethylamine	3.04	42	155117	46.06	ng		96
6) Aniline	6.44	93	383973	31.93	ng	#	44
8) 2-Chlorophenol	6.57	128	365369	42.46	ng		91
9) Benzaldehyde	6.33	77	179489	36.40	ng		90
10) Phenol	6.44	94	467142	44.69	ng		84
11) bis(2-Chloroethyl)ether	6.52	93	374482m	45.24	ng		
12) 1,3-Dichlorobenzene	6.72	146	397477m	43.59	ng		
13) 1,4-Dichlorobenzene	6.80	146	396360	42.19	ng		93
14) 1,2-Dichlorobenzene	6.94	146	375338	43.40	ng		98
15) Benzyl Alcohol	6.93	79	286987	48.40	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	410357	40.58	ng		90
17) 2-Methylphenol	7.05	107	322968	47.61	ng		97
18) Hexachloroethane	7.28	117	145455	42.09	ng	#	80
19) n-Nitroso-di-n-propylamine	7.20	70	233064	41.03	ng		95
20) 3+4-Methylphenols	7.20	107	371264	44.99	ng		95
22) Acetophenone	7.20	105	504578	42.77	ng	#	95
24) Nitrobenzene	7.37	77	426001	45.75	ng		89
25) Isophorone	7.61	82	766329	45.61	ng		95
26) 2-Nitrophenol	7.68	139	200138	44.93	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	334323	41.78	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	442079	44.85	ng		98
29) 2,4-Dichlorophenol	7.93	162	317913	47.00	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	330456	43.52	ng		94
31) Naphthalene	8.08	128	1070703	42.41	ng		100
32) Benzoic acid	7.82	122	21809	3.72	ng		94
33) 4-Chloroaniline	8.14	127	234984	23.04	ng		99
34) Hexachlorobutadiene	8.20	225	170456	41.76	ng		98
35) Caprolactam	8.52	113	105683m	49.25	ng		
36) 4-Chloro-3-methylphenol	8.64	107	370905	48.78	ng		92
37) 2-Methylnaphthalene	8.77	142	716579	43.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	302641	42.02	ng		99
40) Hexachlorocyclopentadiene	8.92	237	227771	85.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	214609	46.40	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	219750	46.79	ng		97
45) 1,1'-Biphenyl	9.24	154	873580	42.27	ng		94
46) 2-Chloronaphthalene	9.26	162	671790	44.85	ng		98
47) 2-Nitroaniline	9.37	65	225073	51.35	ng		89
48) Acenaphthylene	9.68	152	1038931	43.30	ng		100
49) Dimethylphthalate	9.55	163	995932	56.07	ng		99
50) 2,6-Dinitrotoluene	9.61	165	163512	43.51	ng		97
51) Acenaphthene	9.85	154	622153	43.60	ng		99
52) 3-Nitroaniline	9.78	138	145702	32.17	ng		92
53) 2,4-Dinitrophenol	9.89	184	78123	41.32	ng	#	77
54) Dibenzofuran	10.02	168	862400	45.76	ng		100
55) 4-Nitrophenol	9.96	139	280464	105.03	ng		88
56) 2,4-Dinitrotoluene	10.02	165	231161	48.68	ng	#	73
57) Fluorene	10.36	166	712403	44.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	182760	52.27	ng		94
59) Diethylphthalate	10.24	149	779451	43.48	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	307870	41.05	ng		99
61) 4-Nitroaniline	10.40	138	185714	41.63	ng		90
62) Azobenzene	10.51	77	815513	47.49	ng		99
64) 4,6-Dinitro-2-methylphenol	10.43	198	123795	44.22	ng	#	57
65) n-Nitrosodiphenylamine	10.48	169	643627	44.55	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	215721	45.74	ng		96
67) Hexachlorobenzene	10.91	284	232817	47.74	ng		100
68) Atrazine	11.00	200	208538	44.67	ng		97
69) Pentachlorophenol	11.10	266	203746	89.14	ng		98
70) Phenanthrene	11.32	178	1122131	44.53	ng		100
71) Anthracene	11.37	178	1079496	40.89	ng		100
72) Carbazole	11.53	167	933977	41.16	ng		99
73) Di-n-butylphthalate	11.86	149	1238579	44.05	ng		100
74) Fluoranthene	12.51	202	1162619	44.35	ng		89
76) Benzidine	12.64	184	603228	47.43	ng		99
77) Pyrene	12.74	202	1158988	45.63	ng		100
79) Butylbenzylphthalate	13.35	149	545146	47.66	ng	#	71
80) Benzo(a)anthracene	13.92	228	952106	44.81	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	222961	14.37	ng		100
82) Chrysene	13.96	228	988431	48.29	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	685066	45.13	ng		99
84) Di-n-octyl phthalate	14.52	149	1281504	52.87	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	714610	43.03	ng		99
87) Benzo(b)fluoranthene	14.95	252	1040568m	52.47	ng		
88) Benzo(k)fluoranthene	14.97	252	676077m	38.50	ng		
89) Benzo(a)pyrene	15.28	252	782824	44.55	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	604816	42.78	ng		98
91) Benzo(g,h,i)perylene	17.11	276	564849	41.29	ng		94

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

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