Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086359.D
Acq On : 22 Apr 2016 22:22
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
sohil
4/25/2016 12:35:38 PM

Quant Time: Apr 23 00:01:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 23:16:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165263	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	736216	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	347629	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	638674	20.00	ng		0.00
75) Chrysene-d12	14.00	240	417303	20.00	ng		0.00
86) Perylene-d12	15.41	264	404347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1474863	155.68	ng		0.01
7) Phenol-d6	6.49	99	1887065	151.19	ng		0.01
23) Nitrobenzene-d5	7.41	82	1796965	139.93	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	435058	157.15	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	2442638	116.62	ng		0.00
78) Terphenyl-d14	12.96	244	2632414	152.33	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	396695	77.67	ng		99
3) Pyridine	3.13	79	1004053	75.70	ng		97
4) n-Nitrosodimethylamine	3.08	42	405373	89.91	ng		98
6) Aniline	6.51	93	1234209	74.27	ng		94
8) 2-Chlorophenol	6.64	128	811321	71.74	ng		88
9) Benzaldehyde	6.40	77	491728	56.52	ng		86
10) Phenol	6.50	94	1110959	77.33	ng		83
11) bis(2-Chloroethyl)ether	6.59	93	930703	74.96	ng		95
12) 1,3-Dichlorobenzene	6.78	146	881455	71.39	ng		95
13) 1,4-Dichlorobenzene	6.86	146	975715	73.74	ng		98
14) 1,2-Dichlorobenzene	7.02	146	778586m	65.99	ng		
15) Benzyl Alcohol	6.99	79	579053	75.23	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1172544	67.88	ng		99
17) 2-Methylphenol	7.10	107	719679	76.46	ng		97
18) Hexachloroethane	7.36	117	314591	79.40	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	582088	77.37	ng		94
20) 3+4-Methylphenols	7.26	107	717816	70.09	ng		97
22) Acetophenone	7.26	105	1039739	66.94	ng	#	99
24) Nitrobenzene	7.44	77	962584	70.16	ng		95
25) Isophorone	7.68	82	1787594	73.64	ng		96
26) 2-Nitrophenol	7.74	139	502410	81.45	ng	#	88
27) 2,4-Dimethylphenol	7.79	122	803719	67.06	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	968096	68.77	ng		98
29) 2,4-Dichlorophenol	8.00	162	729205	76.46	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	727749	71.02	ng		97
31) Naphthalene	8.16	128	2512440m	71.19	ng		
32) Benzoic acid	7.94	122	654688	91.96	ng		92
33) 4-Chloroaniline	8.20	127	1052921	72.03	ng		95
34) Hexachlorobutadiene	8.27	225	328447	63.68	ng		99
35) Caprolactam	8.60	113	300147m	97.33	ng		
36) 4-Chloro-3-methylphenol	8.69	107	861788	79.85	ng		95
37) 2-Methylnaphthalene	8.84	142	1388505	63.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	640093	69.45	ng		99
40) Hexachlorocyclopentadiene	9.00	237	355951	158.10	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	466233	73.01	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	530170	75.75	ng	#	91
45) 1,1'-Biphenyl	9.31	154	1788093	65.73	ng		97
46) 2-Chloronaphthalene	9.33	162	1394879	67.51	ng		96
47) 2-Nitroaniline	9.42	65	521389	74.28	ng		86
48) Acenaphthylene	9.74	152	2165882	66.32	ng		98
49) Dimethylphthalate	9.62	163	1841398	69.56	ng		100
50) 2,6-Dinitrotoluene	9.68	165	418263	76.73	ng		92
51) Acenaphthene	9.92	154	1426593	73.76	ng		99
52) 3-Nitroaniline	9.85	138	538137	77.46	ng		98
53) 2,4-Dinitrophenol	9.95	184	268256	211.08	ng	#	80
54) Dibenzofuran	10.09	168	1769440	68.12	ng		95
55) 4-Nitrophenol	10.01	139	425257	96.44	ng		98
56) 2,4-Dinitrotoluene	10.08	165	492098	71.96	ng		95
57) Fluorene	10.43	166	1335652	68.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	393443	83.11	ng		96
59) Diethylphthalate	10.32	149	1762910	68.53	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	638286	71.30	ng	#	79
61) 4-Nitroaniline	10.46	138	533559	80.38	ng		91
62) Azobenzene	10.59	77	1748659	68.69	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	322133	152.37	ng		86
65) n-Nitrosodiphenylamine	10.54	169	1282385	62.08	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	431867	63.67	ng		91
67) Hexachlorobenzene	10.98	284	439461	64.35	ng	#	75
68) Atrazine	11.08	200	447708	69.87	ng		97
69) Pentachlorophenol	11.17	266	338966	92.83	ng		95
70) Phenanthrene	11.39	178	2158888	71.25	ng		99
71) Anthracene	11.45	178	2457842	75.10	ng		99
72) Carbazole	11.60	167	2287095	73.34	ng		98
73) Di-n-butylphthalate	11.93	149	2356808	61.06	ng		98
74) Fluoranthene	12.58	202	2423307	84.03	ng		94
76) Benzidine	12.70	184	1403053	76.25	ng		96
77) Pyrene	12.81	202	2405431	78.40	ng		99
79) Butylbenzylphthalate	13.43	149	1179349	73.89	ng		90
80) Benzo(a)anthracene	13.99	228	1599745	73.03	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	1087840	71.35	ng	#	96
82) Chrysene	14.03	228	1905742	80.03	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1124822	60.71	ng		98
84) Di-n-octyl phthalate	14.59	149	2290646	67.96	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1712964	71.99	ng		100
87) Benzo(b)fluoranthene	15.01	252	1655924	68.91	ng		98
88) Benzo(k)fluoranthene	15.04	252	1615095m	83.10	ng		
89) Benzo(a)pyrene	15.36	252	1549161	71.78	ng	#	95
90) Dibenzo(a,h)anthracene	16.82	278	1368863	73.66	ng		99
91) Benzo(g,h,i)perylene	17.22	276	1493665	83.18	ng		96

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

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