Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084169.D
Acq On : 31 Dec 2015 1:49
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:25 PM

Quant Time: Dec 31 04:20:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 03:17:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	322660	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1323284	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	625721	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1104004	20.00	ng		0.00
75) Chrysene-d12	14.07	240	696633	20.00	ng		0.00
86) Perylene-d12	15.51	264	573602	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2124481	110.41	ng		0.00
7) Phenol-d6	6.53	99	2889034	120.66	ng		0.01
23) Nitrobenzene-d5	7.47	82	2715265	118.34	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	751325	112.53	ng		0.01
44) 2-Fluorobiphenyl	9.28	172	4174384	93.44	ng		0.01
78) Terphenyl-d14	13.01	244	3651036	98.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	578764	71.68	ng		98
3) Pyridine	3.26	79	1671547	81.74	ng		99
4) n-Nitrosodimethylamine	3.22	42	831253	89.27	ng		93
6) Aniline	6.57	93	2186015	70.97	ng		96
8) 2-Chlorophenol	6.69	128	1336709	57.30	ng	#	81
9) Benzaldehyde	6.45	77	849760	65.18	ng		88
10) Phenol	6.54	94	1786526	65.64	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	1383062	70.15	ng		87
12) 1,3-Dichlorobenzene	6.84	146	1291242	50.99	ng		97
13) 1,4-Dichlorobenzene	6.92	146	1332054	51.75	ng		97
14) 1,2-Dichlorobenzene	7.08	146	1252110m	53.14	ng		
15) Benzyl Alcohol	7.05	79	1165304	62.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	2277876	103.41	ng		99
17) 2-Methylphenol	7.15	107	1153774	62.80	ng		99
18) Hexachloroethane	7.42	117	571650	60.47	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	1037415	69.76	ng		96
20) 3+4-Methylphenols	7.31	107	1240805	53.16	ng		91
22) Acetophenone	7.32	105	1813051	55.26	ng	#	83
24) Nitrobenzene	7.49	77	1497835	63.10	ng		91
25) Isophorone	7.73	82	2658571	62.53	ng		95
26) 2-Nitrophenol	7.80	139	621127	51.61	ng		93
27) 2,4-Dimethylphenol	7.85	122	1379540	68.55	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	1663051	66.73	ng		98
29) 2,4-Dichlorophenol	8.04	162	1031784	54.12	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	1111291	53.89	ng		99
31) Naphthalene	8.21	128	3160271	45.67	ng		98
32) Benzoic acid	7.97	122	1055911m	97.08	ng		
33) 4-Chloroaniline	8.26	127	1445989	50.85	ng		96
34) Hexachlorobutadiene	8.34	225	660431	55.67	ng		99
35) Caprolactam	8.65	113	359332	66.65	ng		93
36) 4-Chloro-3-methylphenol	8.74	107	1123209	52.59	ng		88
37) 2-Methylnaphthalene	8.91	142	2423782	55.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	926062	47.40	ng		97
40) Hexachlorocyclopentadiene	9.06	237	650769	123.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	772074	59.98	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	776352	60.31	ng	#	84
45) 1,1'-Biphenyl	9.37	154	2649615	48.36	ng		97
46) 2-Chloronaphthalene	9.39	162	2069256	49.39	ng		99
47) 2-Nitroaniline	9.48	65	696886	60.66	ng		97
48) Acenaphthylene	9.81	152	3353384	48.22	ng		97
49) Dimethylphthalate	9.68	163	2261712	44.08	ng		97
50) 2,6-Dinitrotoluene	9.73	165	560508	52.09	ng	#	50
51) Acenaphthene	9.98	154	2282053	55.44	ng		98
52) 3-Nitroaniline	9.90	138	774866	67.18	ng		82
53) 2,4-Dinitrophenol	10.00	184	241256	74.01	ng	#	67
54) Dibenzofuran	10.16	168	2990900	52.64	ng	#	90
55) 4-Nitrophenol	10.05	139	617329	92.37	ng	#	77
56) 2,4-Dinitrotoluene	10.13	165	729423	50.48	ng	#	42
57) Fluorene	10.50	166	2305937	49.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	684268	72.75	ng		95
59) Diethylphthalate	10.37	149	2425404	46.19	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	916351	41.87	ng		93
61) 4-Nitroaniline	10.51	138	661353	59.93	ng		87
62) Azobenzene	10.65	77	2655793	59.26	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	411981	66.75	ng	#	58
65) n-Nitrosodiphenylamine	10.61	169	2110159	55.14	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	662240	51.82	ng	#	88
67) Hexachlorobenzene	11.05	284	763950	55.12	ng	#	65
68) Atrazine	11.14	200	721177	60.51	ng		97
69) Pentachlorophenol	11.23	266	489925	104.69	ng		99
70) Phenanthrene	11.46	178	3448603	53.51	ng		97
71) Anthracene	11.50	178	3013977	44.80	ng		99
72) Carbazole	11.66	167	3138556	54.60	ng		97
73) Di-n-butylphthalate	12.00	149	3228967	43.63	ng		98
74) Fluoranthene	12.64	202	3156254	46.57	ng		99
76) Benzidine	12.76	184	1526077	62.82	ng		98
77) Pyrene	12.87	202	3272699	56.40	ng		99
79) Butylbenzylphthalate	13.49	149	1422534	57.50	ng		94
80) Benzo(a)anthracene	14.05	228	2309212	54.36	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	838013	63.27	ng	#	97
82) Chrysene	14.09	228	2204905	58.01	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1629696	52.32	ng		99
84) Di-n-octyl phthalate	14.67	149	2767639	61.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	2124962	55.80	ng		99
87) Benzo(b)fluoranthene	15.09	252	2175038	51.08	ng	#	96
88) Benzo(k)fluoranthene	15.12	252	1671106m	58.15	ng		
89) Benzo(a)pyrene	15.45	252	1897271	54.27	ng	#	96
90) Dibenzo(a,h)anthracene	16.95	278	1740934	52.30	ng	#	97
91) Benzo(g,h,i)perylene	17.36	276	1803029	52.89	ng		99

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

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