Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
Data File : BF082584.D
Acq On : 30 Oct 2015 21:03
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:01 PM

Quant Time: Oct 30 22:43:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 23:22:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	192986	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	728901	20.00	ng		0.01
38) Acenaphthene-d10	9.95	164	354642	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	673199	20.00	ng		0.00
75) Chrysene-d12	14.09	240	504849	20.00	ng		0.01
86) Perylene-d12	15.54	264	411260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1396411	135.64	ng		0.00
7) Phenol-d6	6.54	99	1988701	149.46	ng		0.01
23) Nitrobenzene-d5	7.48	82	2169948	175.96	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	459377	163.68	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2612412	114.05	ng		0.00
78) Terphenyl-d14	13.04	244	2851470	157.04	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	339913	66.93	ng		92
3) Pyridine	3.28	79	1027495	83.93	ng		98
4) n-Nitrosodimethylamine	3.22	42	576624	100.54	ng		98
6) Aniline	6.57	93	1326614	77.20	ng		96
8) 2-Chlorophenol	6.69	128	806488	68.72	ng		86
9) Benzaldehyde	6.45	77	661297	91.39	ng		90
10) Phenol	6.56	94	1252473	81.71	ng		92
11) bis(2-Chloroethyl)ether	6.65	93	869741	74.22	ng		92
12) 1,3-Dichlorobenzene	6.85	146	945890m	68.12	ng		
13) 1,4-Dichlorobenzene	6.92	146	835196	58.45	ng		98
14) 1,2-Dichlorobenzene	7.08	146	835164	61.63	ng		95
15) Benzyl Alcohol	7.05	79	845065	84.87	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1340883	81.30	ng		95
17) 2-Methylphenol	7.16	107	647072	67.70	ng		95
18) Hexachloroethane	7.42	117	344837	69.21	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	686784	76.99	ng		96
20) 3+4-Methylphenols	7.32	107	815467	67.41	ng	#	85
22) Acetophenone	7.32	105	1141704	67.42	ng	#	81
24) Nitrobenzene	7.49	77	938300	69.30	ng	#	86
25) Isophorone	7.74	82	1885075	78.52	ng		99
26) 2-Nitrophenol	7.81	139	444826	72.08	ng	#	77
27) 2,4-Dimethylphenol	7.85	122	702256	67.23	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	1030687	73.98	ng		98
29) 2,4-Dichlorophenol	8.05	162	674191	66.40	ng		91
30) 1,2,4-Trichlorobenzene	8.14	180	752753	65.83	ng	#	94
31) Naphthalene	8.22	128	2277968	66.76	ng		99
32) Benzoic acid	8.00	122	609949	97.91	ng		89
33) 4-Chloroaniline	8.27	127	958321	72.51	ng	#	82
34) Hexachlorobutadiene	8.35	225	490844	72.47	ng		98
35) Caprolactam	8.66	113	216975	75.31	ng		88
36) 4-Chloro-3-methylphenol	8.75	107	846962	84.39	ng		96
37) 2-Methylnaphthalene	8.91	142	1350788	57.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	751531	68.58	ng		97
40) Hexachlorocyclopentadiene	9.07	237	435654	147.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	496925	70.50	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	527599	74.58	ng	#	82
45) 1,1'-Biphenyl	9.38	154	1721704	63.61	ng		96
46) 2-Chloronaphthalene	9.40	162	1358401	63.64	ng		94
47) 2-Nitroaniline	9.49	65	627882	97.34	ng	#	84
48) Acenaphthylene	9.81	152	2041980	59.72	ng		99
49) Dimethylphthalate	9.69	163	1838252	73.64	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	324228	58.50	ng	#	75
51) Acenaphthene	10.00	154	1431183	72.46	ng		95
52) 3-Nitroaniline	9.90	138	391777	65.89	ng		92
53) 2,4-Dinitrophenol	10.01	184	194902	93.10	ng	#	12
54) Dibenzofuran	10.16	168	1799047	63.41	ng		98
55) 4-Nitrophenol	10.05	139	281292	106.38	ng	#	70
56) 2,4-Dinitrotoluene	10.13	165	496888	71.57	ng	#	82
57) Fluorene	10.50	166	1445167	61.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	416679	74.91	ng		93
59) Diethylphthalate	10.38	149	1766716	70.92	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	796605	70.94	ng		92
61) 4-Nitroaniline	10.52	138	371668	63.28	ng		99
62) Azobenzene	10.66	77	2096203	83.28	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	236367	58.09	ng	#	38
65) n-Nitrosodiphenylamine	10.61	169	1233074	58.39	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	479220	73.61	ng	#	91
67) Hexachlorobenzene	11.06	284	521570	75.91	ng	#	60
68) Atrazine	11.15	200	481119	75.38	ng		94
69) Pentachlorophenol	11.24	266	368189	126.40	ng		99
70) Phenanthrene	11.46	178	2121139	60.14	ng		100
71) Anthracene	11.52	178	2208102	61.78	ng		99
72) Carbazole	11.66	167	1781071	56.43	ng		98
73) Di-n-butylphthalate	12.01	149	2326537	60.76	ng		98
74) Fluoranthene	12.65	202	2094082	57.94	ng		98
76) Benzidine	12.77	184	1519496	97.82	ng	#	95
77) Pyrene	12.88	202	2177586	67.38	ng		100
79) Butylbenzylphthalate	13.51	149	1006006	72.45	ng		96
80) Benzo(a)anthracene	14.08	228	1937068	68.68	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	648335	67.45	ng		98
82) Chrysene	14.11	228	1714529	63.41	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1328422	71.99	ng		99
84) Di-n-octyl phthalate	14.71	149	2119347	70.23	ng		100
85) Indeno(1,2,3-cd)pyrene	16.98	276	1568700	65.62	ng		100
87) Benzo(b)fluoranthene	15.13	252	1519833	61.24	ng		99
88) Benzo(k)fluoranthene	15.16	252	1474064m	71.32	ng		
89) Benzo(a)pyrene	15.48	252	1328621	61.95	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	1313831	72.13	ng		97
91) Benzo(g,h,i)perylene	17.43	276	1273428	70.79	ng		97

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

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