Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080679.D
Acq On : 27 Jul 2015 18:40
Operator : TP/UM
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
7/29/2015 10:40:10 AM

Quant Time: Jul 28 01:24:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 01:01:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	35163	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	102701	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	32534	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	42837	20.00	ng		0.00
75) Chrysene-d12	14.27	240	21132	20.00	ng		0.02
86) Perylene-d12	15.95	264	12187	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	258123	123.29	ng		0.00
7) Phenol-d6	6.53	99	264999	108.22	ng		0.00
23) Nitrobenzene-d5	7.48	82	251674	124.19	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	31382	110.73	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	345353	158.54	ng		0.00
78) Terphenyl-d14	13.08	244	155352	154.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	60807	64.68	ng		96
3) Pyridine	3.25	79	152119	68.85	ng		99
4) n-Nitrosodimethylamine	3.17	42	93570	65.11	ng		91
6) Aniline	6.58	93	198441	56.42	ng		98
8) 2-Chlorophenol	6.70	128	131225	57.65	ng		96
9) Benzaldehyde	6.46	77	87392	53.43	ng		98
10) Phenol	6.56	94	147021	49.87	ng		81
11) bis(2-Chloroethyl)ether	6.65	93	113335	52.50	ng		98
12) 1,3-Dichlorobenzene	6.86	146	159879	63.76	ng		97
13) 1,4-Dichlorobenzene	6.94	146	158723	61.82	ng		97
14) 1,2-Dichlorobenzene	7.09	146	146631	58.20	ng		99
15) Benzyl Alcohol	7.06	79	110810	53.73	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	218412	58.19	ng		98
17) 2-Methylphenol	7.17	107	87749	49.23	ng	#	88
18) Hexachloroethane	7.44	117	52506	53.00	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	77292	43.97	ng	#	77
20) 3+4-Methylphenols	7.32	107	118581	50.95	ng	#	89
22) Acetophenone	7.33	105	163326	61.52	ng		98
24) Nitrobenzene	7.50	77	126252	62.22	ng		98
25) Isophorone	7.74	82	183370	52.03	ng		99
26) 2-Nitrophenol	7.82	139	49927	66.85	ng		97
27) 2,4-Dimethylphenol	7.86	122	91795m	61.73	ng		
28) bis(2-Chloroethoxy)methane	7.96	93	106579	52.33	ng	#	98
29) 2,4-Dichlorophenol	8.06	162	77448	55.70	ng	#	82
30) 1,2,4-Trichlorobenzene	8.16	180	101586	60.61	ng		98
31) Naphthalene	8.24	128	307986	60.26	ng		99
32) Benzoic acid	7.92	122	43333m	55.73	ng		
33) 4-Chloroaniline	8.28	127	106266	48.38	ng		98
34) Hexachlorobutadiene	8.35	225	65714	57.83	ng		93
35) Caprolactam	8.60	113	12005	31.53	ng	#	79
36) 4-Chloro-3-methylphenol	8.75	107	71972	48.35	ng		100
37) 2-Methylnaphthalene	8.92	142	176512	49.22	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	82206	84.85	ng		98
40) Hexachlorocyclopentadiene	9.08	237	53147	91.56	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	51075	77.98	ng		96
43) 2,4,5-Trichlorophenol	9.23	196	45220	66.87	ng		96
45) 1,1'-Biphenyl	9.39	154	183040	78.82	ng		99
46) 2-Chloronaphthalene	9.41	162	151879	77.80	ng		96
47) 2-Nitroaniline	9.49	65	32984	57.80	ng		98
48) Acenaphthylene	9.82	152	218291	67.17	ng		99
49) Dimethylphthalate	9.68	163	117776	51.66	ng		99
50) 2,6-Dinitrotoluene	9.74	165	25838	62.81	ng	#	85
51) Acenaphthene	10.00	154	128155	65.56	ng		98
52) 3-Nitroaniline	9.90	138	27843	57.45	ng		95
53) 2,4-Dinitrophenol	10.01	184	6751	42.25	ng		88
54) Dibenzofuran	10.17	168	171194	61.47	ng		97
55) 4-Nitrophenol	10.05	139	18248	48.95	ng		93
56) 2,4-Dinitrotoluene	10.14	165	27399	51.60	ng		96
57) Fluorene	10.51	166	128788	59.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	27069m	51.51	ng		
59) Diethylphthalate	10.38	149	113820	50.86	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	58873	60.82	ng		96
61) 4-Nitroaniline	10.51	138	21972	47.75	ng		95
62) Azobenzene	10.66	77	112228	52.16	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	10239	53.27	ng		88
65) n-Nitrosodiphenylamine	10.62	169	91631	69.11	ng		96
66) 4-Bromophenyl-phenylether	11.00	248	27589	68.28	ng		95
67) Hexachlorobenzene	11.06	284	32363	66.14	ng		96
68) Atrazine	11.14	200	13094	35.44	ng		94
69) Pentachlorophenol	11.25	266	12571	53.00	ng		91
70) Phenanthrene	11.47	178	147211	62.30	ng		98
71) Anthracene	11.53	178	145833	64.18	ng		97
72) Carbazole	11.68	167	115775	57.29	ng		99
73) Di-n-butylphthalate	12.02	149	117348	47.42	ng		99
74) Fluoranthene	12.68	202	114864	51.63	ng		98
76) Benzidine	12.81	184	29490	42.78	ng		97
77) Pyrene	12.92	202	113237	82.02	ng		99
79) Butylbenzylphthalate	13.61	149	30048	54.63	ng		94
80) Benzo(a)anthracene	14.26	228	79328	64.74	ng		99
81) 3,3'-Dichlorobenzidine	14.21	252	20272	52.35	ng	#	94
82) Chrysene	14.29	228	73085	63.45	ng		97
83) Bis(2-ethylhexyl)phthalate	14.27	149	39236	48.25	ng		98
84) Di-n-octyl phthalate	15.04	149	48856	38.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.44	276	37418	30.72	ng		96
87) Benzo(b)fluoranthene	15.51	252	49199	63.11	ng		98
88) Benzo(k)fluoranthene	15.54	252	51746m	78.74	ng		
89) Benzo(a)pyrene	15.88	252	41551	61.98	ng		96
90) Dibenzo(a,h)anthracene	17.47	278	30256	45.22	ng		98
91) Benzo(g,h,i)perylene	17.88	276	30670	45.25	ng		96

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

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