Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084315.D
Acq On : 7 Jan 2016 19:47
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 10:43:00 AM

Quant Time: Jan 08 01:24:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	303334	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1240956	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	594141	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	1036844	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	841739	20.00	ng		-0.03
86) Perylene-d12	15.46	264	702376	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1353019	72.15	ng		-0.02
7) Phenol-d6	6.52	99	1945037	82.58	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1840165	82.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	489925	81.68	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	2751668	81.19	ng		-0.02
78) Terphenyl-d14	12.98	244	2440614	64.72	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	359051	40.42	ng	#	76
3) Pyridine	3.17	79	964966	38.96	ng	#	70
4) n-Nitrosodimethylamine	3.14	42	507238	39.90	ng		79
6) Aniline	6.53	93	1262740	36.65	ng	#	49
8) 2-Chlorophenol	6.66	128	880177	41.37	ng		92
9) Benzaldehyde	6.42	77	619298	40.38	ng		98
10) Phenol	6.53	94	1156673	43.19	ng		76
11) bis(2-Chloroethyl)ether	6.61	93	905968	43.67	ng		88
12) 1,3-Dichlorobenzene	6.81	146	846277m	38.56	ng		
13) 1,4-Dichlorobenzene	6.89	146	898899	40.84	ng		97
14) 1,2-Dichlorobenzene	7.05	146	832681	39.50	ng		95
15) Benzyl Alcohol	7.01	79	773285	39.03	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1383021	36.61	ng		86
17) 2-Methylphenol	7.14	107	721163	40.44	ng		95
18) Hexachloroethane	7.38	117	344640	39.16	ng	#	88
19) n-Nitroso-di-n-propylamine	7.30	70	646589	40.55	ng	#	77
20) 3+4-Methylphenols	7.29	107	824247	39.32	ng	#	37
22) Acetophenone	7.29	105	1159385	38.85	ng	#	91
24) Nitrobenzene	7.46	77	836260	36.98	ng		95
25) Isophorone	7.70	82	1670981	39.18	ng		98
26) 2-Nitrophenol	7.78	139	483065	46.93	ng		97
27) 2,4-Dimethylphenol	7.82	122	873116	41.91	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	1116108	42.85	ng		97
29) 2,4-Dichlorophenol	8.02	162	656648	37.84	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	713769	39.84	ng		97
31) Naphthalene	8.18	128	2095871	37.23	ng		98
32) Benzoic acid	7.94	122	378550	30.82	ng		93
33) 4-Chloroaniline	8.24	127	1137963	44.09	ng		94
34) Hexachlorobutadiene	8.30	225	424574	41.23	ng		98
35) Caprolactam	8.61	113	222313	38.00	ng	#	44
36) 4-Chloro-3-methylphenol	8.72	107	718049	36.94	ng		91
37) 2-Methylnaphthalene	8.86	142	1543479	38.19	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	685372	40.13	ng		98
40) Hexachlorocyclopentadiene	9.02	237	401303	38.92	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	476891	37.32	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	505289	41.25	ng		98
45) 1,1'-Biphenyl	9.33	154	1686411	35.71	ng		99
46) 2-Chloronaphthalene	9.36	162	1328014	35.80	ng		97
47) 2-Nitroaniline	9.46	65	558412	45.61	ng		95
48) Acenaphthylene	9.78	152	2216579	40.45	ng		97
49) Dimethylphthalate	9.64	163	1549810	36.49	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	338722	36.36	ng	#	50
51) Acenaphthene	9.95	154	1544885	42.03	ng		97
52) 3-Nitroaniline	9.87	138	406154	35.18	ng		95
53) 2,4-Dinitrophenol	9.97	184	164592	43.19	ng		92
54) Dibenzofuran	10.12	168	1986353	41.49	ng		96
55) 4-Nitrophenol	10.04	139	374912	44.74	ng		91
56) 2,4-Dinitrotoluene	10.10	165	440791	37.39	ng	#	84
57) Fluorene	10.46	166	1528299	41.32	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	382953	36.61	ng		95
59) Diethylphthalate	10.34	149	1627175	38.85	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	691649	44.43	ng		97
61) 4-Nitroaniline	10.49	138	418988	40.72	ng		94
62) Azobenzene	10.61	77	1825378	39.74	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	254035	40.10	ng		92
65) n-Nitrosodiphenylamine	10.58	169	1360141	41.03	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	493574	44.23	ng		96
67) Hexachlorobenzene	11.00	284	466867	37.17	ng	#	80
68) Atrazine	11.10	200	479110	44.16	ng		98
69) Pentachlorophenol	11.20	266	218348	33.53	ng		96
70) Phenanthrene	11.42	178	2345466	43.25	ng		97
71) Anthracene	11.47	178	2067085	38.88	ng		97
72) Carbazole	11.63	167	2125564	40.90	ng		98
73) Di-n-butylphthalate	11.96	149	2494286	45.20	ng	#	95
74) Fluoranthene	12.60	202	2160409	38.13	ng		98
76) Benzidine	12.73	184	1030724	34.15	ng		100
77) Pyrene	12.83	202	2219526	33.60	ng		97
79) Butylbenzylphthalate	13.46	149	1186018	41.49	ng	#	94
80) Benzo(a)anthracene	14.02	228	1803749	36.50	ng		97
81) 3,3'-Dichlorobenzidine	13.99	252	652764	37.84	ng	#	94
82) Chrysene	14.05	228	1759213	37.04	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1440478	39.89	ng	#	95
84) Di-n-octyl phthalate	14.63	149	2282186	37.43	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1619876	43.03	ng		100
87) Benzo(b)fluoranthene	15.05	252	1590764	34.62	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	1658113m	44.13	ng		
89) Benzo(a)pyrene	15.40	252	1537783	39.46	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	1332571	39.74	ng	#	95
91) Benzo(g,h,i)perylene	17.29	276	1374939	39.59	ng		99

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

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