Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090497.D
Acq On : 11 Oct 2016 12:20
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
10/12/2016 4:08:16 PM

Quant Time: Oct 11 13:21:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 13:13:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	209749	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	837791	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	420096	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	716641	20.00	ng		0.00
75) Chrysene-d12	14.13	240	702480	20.00	ng		0.00
86) Perylene-d12	15.61	264	547145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1125205	80.06	ng		0.00
7) Phenol-d6	6.59	99	1404855	76.32	ng		0.00
23) Nitrobenzene-d5	7.51	82	1180615	68.55	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	369540	108.18	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2068187	82.03	ng		0.00
78) Terphenyl-d14	13.08	244	2385200	76.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	261985	37.82	ng	#	84
3) Pyridine	3.37	79	759601	39.32	ng	#	77
4) n-Nitrosodimethylamine	3.31	42	241720	30.32	ng	#	47
6) Aniline	6.61	93	840971	33.08	ng		98
8) 2-Chlorophenol	6.74	128	570660	36.90	ng		97
9) Benzaldehyde	6.50	77	431999	46.43	ng		99
10) Phenol	6.60	94	840125	39.26	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	581989	35.52	ng		94
12) 1,3-Dichlorobenzene	6.90	146	640325	41.53	ng		100
13) 1,4-Dichlorobenzene	6.97	146	589922	37.67	ng		98
14) 1,2-Dichlorobenzene	7.13	146	608702	40.35	ng		98
15) Benzyl Alcohol	7.09	79	496788	35.50	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	801787	28.85	ng		89
17) 2-Methylphenol	7.21	107	441366	34.70	ng		99
18) Hexachloroethane	7.47	117	233205	37.78	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	387630	28.72	ng	#	82
20) 3+4-Methylphenols	7.37	107	603402	36.65	ng	#	68
22) Acetophenone	7.37	105	758902	38.24	ng	#	91
24) Nitrobenzene	7.54	77	704157	41.18	ng		93
25) Isophorone	7.78	82	1093272	34.72	ng		99
26) 2-Nitrophenol	7.86	139	327473	44.50	ng		99
27) 2,4-Dimethylphenol	7.89	122	517192	36.14	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	625510	33.59	ng	#	96
29) 2,4-Dichlorophenol	8.10	162	452723	41.61	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	473106	42.19	ng		99
31) Naphthalene	8.27	128	1646255	40.73	ng		97
32) Benzoic acid	8.02	122	438017	44.02	ng		98
33) 4-Chloroaniline	8.31	127	701205	41.97	ng	#	86
34) Hexachlorobutadiene	8.38	225	276457	44.12	ng		99
35) Caprolactam	8.68	113	139576	38.15	ng	#	77
36) 4-Chloro-3-methylphenol	8.79	107	524392	38.49	ng		90
37) 2-Methylnaphthalene	8.95	142	1007006	41.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	491987	44.42	ng		100
40) Hexachlorocyclopentadiene	9.11	237	254509	41.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	297387	38.91	ng		95
43) 2,4,5-Trichlorophenol	9.27	196	338508	46.84	ng	#	90
45) 1,1'-Biphenyl	9.42	154	1402265	45.05	ng		96
46) 2-Chloronaphthalene	9.45	162	1022258	44.44	ng		97
47) 2-Nitroaniline	9.54	65	372531	41.05	ng		98
48) Acenaphthylene	9.86	152	1483665	39.10	ng		98
49) Dimethylphthalate	9.72	163	1108275	41.19	ng		99
50) 2,6-Dinitrotoluene	9.78	165	235570	39.44	ng		95
51) Acenaphthene	10.03	154	1021763	43.18	ng		97
52) 3-Nitroaniline	9.95	138	311745	44.68	ng		97
53) 2,4-Dinitrophenol	10.05	184	157883	59.28	ng		94
54) Dibenzofuran	10.20	168	1347081	43.98	ng		93
55) 4-Nitrophenol	10.11	139	279338	45.75	ng	#	74
56) 2,4-Dinitrotoluene	10.18	165	323294	40.67	ng	#	34
57) Fluorene	10.55	166	1126687	43.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	272724	50.53	ng		96
59) Diethylphthalate	10.42	149	1125873	40.44	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	569915	48.70	ng		89
61) 4-Nitroaniline	10.57	138	355350	50.54	ng		89
62) Azobenzene	10.70	77	1364880	42.45	ng		87
64) 4,6-Dinitro-2-methylphenol	10.59	198	181214	41.67	ng	#	78
65) n-Nitrosodiphenylamine	10.66	169	911088	37.94	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	349749	49.79	ng	#	86
67) Hexachlorobenzene	11.10	284	357248	45.67	ng	#	84
68) Atrazine	11.18	200	271695	45.88	ng		98
69) Pentachlorophenol	11.29	266	201629	43.30	ng		99
70) Phenanthrene	11.51	178	1706890	46.51	ng		97
71) Anthracene	11.56	178	1477985	39.44	ng		98
72) Carbazole	11.72	167	1599917	45.95	ng		96
73) Di-n-butylphthalate	12.05	149	1917704	45.26	ng	#	97
74) Fluoranthene	12.70	202	1765223	49.04	ng		94
76) Benzidine	12.82	184	831452	45.01	ng		98
77) Pyrene	12.93	202	1740022	37.15	ng		100
79) Butylbenzylphthalate	13.55	149	798228	33.21	ng	#	87
80) Benzo(a)anthracene	14.12	228	1574921	39.96	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	649801	45.47	ng	#	99
82) Chrysene	14.16	228	1459913	40.25	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1145635	33.53	ng	#	99
84) Di-n-octyl phthalate	14.73	149	1850919	36.54	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.09	276	1260694	48.75	ng		97
87) Benzo(b)fluoranthene	15.17	252	1579154	45.31	ng	#	94
88) Benzo(k)fluoranthene	15.21	252	1169567m	35.73	ng		
89) Benzo(a)pyrene	15.55	252	1304454	43.42	ng		100
90) Dibenzo(a,h)anthracene	17.10	278	1113418	43.57	ng	#	94
91) Benzo(g,h,i)perylene	17.54	276	1010205	41.19	ng		99

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

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