Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091232.D
Acq On : 18 Nov 2016 13:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/21/2016 3:39:23 PM

Quant Time: Nov 18 22:23:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	161747m	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	686889	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	396320	20.00	ng		-0.05
63) Phenanthrene-d10	11.13	188	694920	20.00	ng		-0.05
75) Chrysene-d12	13.77	240	613770	20.00	ng		-0.05
86) Perylene-d12	15.13	264	517900	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	806731	82.37	ng		-0.06
7) Phenol-d6	6.27	99	939912	70.71	ng		-0.05
23) Nitrobenzene-d5	7.18	82	857243	68.08	ng		-0.06
41) 2,4,6-Tribromophenol	10.44	330	340291	94.97	ng		-0.05
44) 2-Fluorobiphenyl	8.98	172	1630321	70.82	ng		-0.06
78) Terphenyl-d14	12.72	244	1958744	79.64	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	173238	30.92	ng	#	87
3) Pyridine	2.68	79	697710	53.24	ng		96
4) n-Nitrosodimethylamine	2.65	42	234376	45.21	ng		88
6) Aniline	6.27	93	589262m	37.58	ng		
8) 2-Chlorophenol	6.40	128	474074	40.58	ng		86
9) Benzaldehyde	6.16	77	239603m	32.47	ng		
10) Phenol	6.28	94	512288	34.82	ng	#	79
11) bis(2-Chloroethyl)ether	6.35	93	449151	36.23	ng		89
12) 1,3-Dichlorobenzene	6.54	146	510193m	43.18	ng		
13) 1,4-Dichlorobenzene	6.62	146	530490m	41.85	ng		
14) 1,2-Dichlorobenzene	6.78	146	465043	39.97	ng		94
15) Benzyl Alcohol	6.77	79	350915	37.42	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	427563	24.09	ng	#	1
17) 2-Methylphenol	6.90	107	371901	40.21	ng		98
18) Hexachloroethane	7.12	117	176152	35.90	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	312358m	33.91	ng		
20) 3+4-Methylphenols	7.06	107	474284	42.71	ng		94
22) Acetophenone	7.04	105	601362	38.02	ng	#	91
24) Nitrobenzene	7.21	77	500906	36.02	ng		96
25) Isophorone	7.45	82	859161	35.41	ng		98
26) 2-Nitrophenol	7.53	139	270774	46.01	ng	#	61
27) 2,4-Dimethylphenol	7.58	122	399079	41.00	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	506423	38.21	ng		100
29) 2,4-Dichlorophenol	7.78	162	382560	45.04	ng		90
30) 1,2,4-Trichlorobenzene	7.85	180	454955	47.64	ng		98
31) Naphthalene	7.92	128	1339461	40.78	ng		99
32) Benzoic acid	7.76	122	272206	37.13	ng		92
33) 4-Chloroaniline	7.98	127	593469	43.44	ng		99
34) Hexachlorobutadiene	8.04	225	263808	51.18	ng		98
35) Caprolactam	8.37	113	113469	42.52	ng	#	65
36) 4-Chloro-3-methylphenol	8.49	107	438865	42.68	ng		99
37) 2-Methylnaphthalene	8.61	142	886437	41.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	475321	47.04	ng	#	97
40) Hexachlorocyclopentadiene	8.76	237	162552	44.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	276546	42.40	ng		99
43) 2,4,5-Trichlorophenol	8.94	196	293352	42.83	ng	#	90
45) 1,1'-Biphenyl	9.08	154	1193821	41.25	ng		96
46) 2-Chloronaphthalene	9.10	162	922094	41.97	ng		95
47) 2-Nitroaniline	9.21	65	242335	29.72	ng		94
48) Acenaphthylene	9.52	152	1372645	40.09	ng		100
49) Dimethylphthalate	9.39	163	1028539	39.58	ng		100
50) 2,6-Dinitrotoluene	9.46	165	258682	46.45	ng	#	52
51) Acenaphthene	9.69	154	886430	41.24	ng		100
52) 3-Nitroaniline	9.63	138	281979	42.70	ng	#	70
53) 2,4-Dinitrophenol	9.74	184	114723	41.12	ng	#	83
54) Dibenzofuran	9.86	168	1197027	41.37	ng		93
55) 4-Nitrophenol	9.81	139	134892	34.20	ng	#	66
56) 2,4-Dinitrotoluene	9.86	165	271385	38.30	ng		89
57) Fluorene	10.20	166	1004111	42.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	258376	48.16	ng	#	87
59) Diethylphthalate	10.09	149	989005	37.12	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	435846	40.49	ng	#	87
61) 4-Nitroaniline	10.25	138	263026	39.37	ng		84
62) Azobenzene	10.35	77	892929	28.47	ng		92
64) 4,6-Dinitro-2-methylphenol	10.27	198	186571	43.84	ng		77
65) n-Nitrosodiphenylamine	10.32	169	788457	35.70	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	337261	46.66	ng	#	73
67) Hexachlorobenzene	10.74	284	353645	44.36	ng	#	86
68) Atrazine	10.85	200	251927	39.54	ng		100
69) Pentachlorophenol	10.94	266	132155	37.43	ng		98
70) Phenanthrene	11.15	178	1433472	38.80	ng		100
71) Anthracene	11.21	178	1653250	42.10	ng		99
72) Carbazole	11.37	167	1417310	40.04	ng		99
73) Di-n-butylphthalate	11.70	149	1720787	38.66	ng	#	98
74) Fluoranthene	12.34	202	1666274	43.49	ng		92
76) Benzidine	12.47	184	433140	31.59	ng		98
77) Pyrene	12.57	202	1687767	41.99	ng		98
79) Butylbenzylphthalate	13.20	149	800676	41.64	ng	#	77
80) Benzo(a)anthracene	13.75	228	1358918	39.00	ng		100
81) 3,3'-Dichlorobenzidine	13.72	252	552330	45.11	ng	#	99
82) Chrysene	13.79	228	1505139	43.80	ng		97
83) Bis(2-ethylhexyl)phthalate	13.76	149	951612	36.57	ng	#	95
84) Di-n-octyl phthalate	14.36	149	1640320	38.34	ng		97
85) Indeno(1,2,3-cd)pyrene	16.40	276	1132936	39.74	ng		97
87) Benzo(b)fluoranthene	14.75	252	1658423m	47.21	ng		
88) Benzo(k)fluoranthene	14.79	252	1014869m	32.94	ng		
89) Benzo(a)pyrene	15.07	252	1157495	37.85	ng	#	96
90) Dibenzo(a,h)anthracene	16.40	278	967070	36.58	ng		99
91) Benzo(g,h,i)perylene	16.76	276	858596	35.92	ng		97

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

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