Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089082.D
Acq On : 18 Jul 2016 14:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 03:23:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	48305	20.00	ng		-0.07
21) Naphthalene-d8	7.93	136	214443	20.00	ng		-0.07
38) Acenaphthene-d10	9.68	164	99820	20.00	ng		-0.07
63) Phenanthrene-d10	11.15	188	190071	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	128940	20.00	ng		-0.08
86) Perylene-d12	15.13	264	102888	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	254072	78.83	ng		-0.07
7) Phenol-d6	6.30	99	324823	77.99	ng		-0.06
23) Nitrobenzene-d5	7.21	82	288253	70.44	ng		-0.07
41) 2,4,6-Tribromophenol	10.47	330	70816	76.40	ng		-0.07
44) 2-Fluorobiphenyl	9.00	172	515854	81.63	ng		-0.07
78) Terphenyl-d14	12.73	244	442304	76.40	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	55064	34.46	ng	#	31
3) Pyridine	2.74	79	142325	30.69	ng		95
4) n-Nitrosodimethylamine	2.70	42	64949	36.66	ng		96
6) Aniline	6.30	93	224795	37.04	ng	#	66
8) 2-Chlorophenol	6.42	128	139136	40.17	ng		95
9) Benzaldehyde	6.18	77	101991	36.15	ng		89
10) Phenol	6.31	94	185945	39.12	ng	#	55
11) bis(2-Chloroethyl)ether	6.39	93	142010	40.06	ng		84
12) 1,3-Dichlorobenzene	6.58	146	162952	42.75	ng		98
13) 1,4-Dichlorobenzene	6.66	146	163241	43.14	ng		99
14) 1,2-Dichlorobenzene	6.81	146	146153m	41.27	ng		
15) Benzyl Alcohol	6.80	79	126272	41.20	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	169825	33.08	ng		87
17) 2-Methylphenol	6.91	107	109705	38.82	ng		93
18) Hexachloroethane	7.15	117	61615	42.10	ng		88
19) n-Nitroso-di-n-propylamine	7.07	70	112427	40.19	ng		88
20) 3+4-Methylphenols	7.07	107	142837	42.11	ng	#	80
22) Acetophenone	7.06	105	216758	41.65	ng	#	93
24) Nitrobenzene	7.23	77	176633	42.81	ng		89
25) Isophorone	7.47	82	269673	35.58	ng		95
26) 2-Nitrophenol	7.55	139	78387	46.33	ng	#	80
27) 2,4-Dimethylphenol	7.60	122	120590	34.22	ng	#	86
28) bis(2-Chloroethoxy)methane	7.69	93	172959	35.06	ng	#	94
29) 2,4-Dichlorophenol	7.79	162	111383	39.11	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	128906	41.25	ng		99
31) Naphthalene	7.95	128	463979	43.89	ng		99
32) Benzoic acid	7.75	122	107251	41.92	ng		95
33) 4-Chloroaniline	8.01	127	189319	40.25	ng	#	93
34) Hexachlorobutadiene	8.07	225	67607	40.40	ng		97
35) Caprolactam	8.39	113	38346	39.65	ng	#	76
36) 4-Chloro-3-methylphenol	8.50	107	151495	44.98	ng		97
37) 2-Methylnaphthalene	8.64	142	273293	40.15	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	155297	46.78	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	61747	37.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	85319	38.98	ng		98
43) 2,4,5-Trichlorophenol	8.97	196	81710	43.38	ng		99
45) 1,1'-Biphenyl	9.11	154	380215	46.00	ng		98
46) 2-Chloronaphthalene	9.13	162	282749	43.57	ng		97
47) 2-Nitroaniline	9.22	65	80648	35.02	ng		93
48) Acenaphthylene	9.54	152	450382	43.62	ng		99
49) Dimethylphthalate	9.42	163	312797	43.98	ng		99
50) 2,6-Dinitrotoluene	9.47	165	71919	45.63	ng	#	72
51) Acenaphthene	9.71	154	270779	42.78	ng		98
52) 3-Nitroaniline	9.63	138	75000	37.43	ng	#	84
53) 2,4-Dinitrophenol	9.75	184	31238	44.89	ng		96
54) Dibenzofuran	9.88	168	353718	42.70	ng		95
55) 4-Nitrophenol	9.82	139	59682	39.20	ng		90
56) 2,4-Dinitrotoluene	9.87	165	83014	40.28	ng	#	43
57) Fluorene	10.22	166	275516	43.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	53422	36.66	ng	#	47
59) Diethylphthalate	10.11	149	309917	43.42	ng		98
60) 4-Chlorophenyl-phenylether	10.22	204	122490	41.30	ng		91
61) 4-Nitroaniline	10.25	138	81413	42.22	ng		85
62) Azobenzene	10.38	77	320577	39.38	ng		96
64) 4,6-Dinitro-2-methylphenol	10.28	198	50489	49.66	ng	#	76
65) n-Nitrosodiphenylamine	10.34	169	278646	43.32	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	78258	40.86	ng		97
67) Hexachlorobenzene	10.76	284	73353	34.60	ng	#	87
68) Atrazine	10.87	200	66498	33.17	ng		91
69) Pentachlorophenol	10.96	266	44030	35.09	ng		97
70) Phenanthrene	11.18	178	423713	40.78	ng		99
71) Anthracene	11.22	178	392281	37.97	ng		98
72) Carbazole	11.38	167	349701	35.96	ng		99
73) Di-n-butylphthalate	11.73	149	454724	40.20	ng		99
74) Fluoranthene	12.35	202	404343	38.39	ng		99
76) Benzidine	12.49	184	345126	52.96	ng		98
77) Pyrene	12.58	202	453546	41.49	ng		99
79) Butylbenzylphthalate	13.21	149	188659	38.69	ng	#	82
80) Benzo(a)anthracene	13.76	228	322076	38.79	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	122305	39.18	ng		99
82) Chrysene	13.81	228	325340	39.61	ng		97
83) Bis(2-ethylhexyl)phthalate	13.77	149	236757	42.53	ng	#	97
84) Di-n-octyl phthalate	14.38	149	370963	39.22	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.38	276	218234	34.53	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	310811m	48.16	ng		
88) Benzo(k)fluoranthene	14.79	252	213771m	38.05	ng		
89) Benzo(a)pyrene	15.07	252	230738	42.22	ng		97
90) Dibenzo(a,h)anthracene	16.39	278	188409	41.29	ng		98
91) Benzo(g,h,i)perylene	16.75	276	191693	40.60	ng		97

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

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