Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084536.D
Acq On : 17 Jan 2016 15:16
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 18 02:57:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	307885	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	1269368	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	551667	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	970484	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	558678	20.00	ng		-0.03
86) Perylene-d12	15.38	264	598557	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1555686	81.73	ng		-0.02
7) Phenol-d6	6.45	99	1938925	81.10	ng		-0.02
23) Nitrobenzene-d5	7.38	82	1658667	72.72	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	409641	73.55	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	2493858	79.08	ng		-0.02
78) Terphenyl-d14	12.92	244	2195291	87.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	368418	40.86	ng	#	77
3) Pyridine	3.08	79	1045463	41.58	ng	#	77
4) n-Nitrosodimethylamine	3.05	42	485902	37.65	ng		89
6) Aniline	6.48	93	1236808	35.37	ng	#	79
8) 2-Chlorophenol	6.60	128	880196	40.76	ng		91
9) Benzaldehyde	6.35	77	559141	35.92	ng		97
10) Phenol	6.48	94	1099662	40.46	ng		75
11) bis(2-Chloroethyl)ether	6.56	93	899237	42.71	ng		92
12) 1,3-Dichlorobenzene	6.75	146	926946	41.61	ng		96
13) 1,4-Dichlorobenzene	6.83	146	954272m	42.72	ng		
14) 1,2-Dichlorobenzene	6.98	146	773602	36.16	ng		96
15) Benzyl Alcohol	6.96	79	697832	34.70	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1279604	33.37	ng		87
17) 2-Methylphenol	7.08	107	744024	41.11	ng		95
18) Hexachloroethane	7.32	117	343970	38.50	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	631221	39.00	ng	#	83
20) 3+4-Methylphenols	7.23	107	802161	37.70	ng	#	43
22) Acetophenone	7.23	105	1205445	39.49	ng		95
24) Nitrobenzene	7.40	77	971988	42.02	ng		98
25) Isophorone	7.64	82	1655012	37.94	ng		99
26) 2-Nitrophenol	7.71	139	429445	40.79	ng	#	76
27) 2,4-Dimethylphenol	7.77	122	810758	38.05	ng		88
28) bis(2-Chloroethoxy)methane	7.86	93	1077965	40.46	ng		97
29) 2,4-Dichlorophenol	7.96	162	693723	39.08	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	748829	40.86	ng		95
31) Naphthalene	8.12	128	2342966	40.68	ng		97
32) Benzoic acid	7.88	122	297543	25.13	ng		95
33) 4-Chloroaniline	8.17	127	1001839	37.94	ng		97
34) Hexachlorobutadiene	8.24	225	398469	37.83	ng		97
35) Caprolactam	8.56	113	208928	34.91	ng	#	49
36) 4-Chloro-3-methylphenol	8.66	107	698800	35.14	ng		94
37) 2-Methylnaphthalene	8.81	142	1438043	34.78	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	714868	45.07	ng		99
40) Hexachlorocyclopentadiene	8.97	237	166482	17.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	475484	40.07	ng		95
43) 2,4,5-Trichlorophenol	9.14	196	470288	41.35	ng		96
45) 1,1'-Biphenyl	9.28	154	1778769	40.57	ng		99
46) 2-Chloronaphthalene	9.30	162	1346113	39.09	ng		94
47) 2-Nitroaniline	9.40	65	523498	46.06	ng	#	76
48) Acenaphthylene	9.71	152	1936466	38.06	ng		97
49) Dimethylphthalate	9.58	163	1650837	41.86	ng	#	90
50) 2,6-Dinitrotoluene	9.64	165	343002	39.65	ng	#	61
51) Acenaphthene	9.88	154	1268107	37.16	ng		98
52) 3-Nitroaniline	9.81	138	458784	42.80	ng		90
53) 2,4-Dinitrophenol	9.92	184	83413	25.19	ng		85
54) Dibenzofuran	10.05	168	1664335	37.13	ng		90
55) 4-Nitrophenol	9.98	139	327987	42.16	ng		93
56) 2,4-Dinitrotoluene	10.04	165	419823	38.35	ng	#	89
57) Fluorene	10.40	166	1249306	36.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	386325	39.78	ng		89
59) Diethylphthalate	10.28	149	1657024	42.61	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	660236	45.95	ng		89
61) 4-Nitroaniline	10.42	138	429906	45.00	ng		90
62) Azobenzene	10.56	77	1691775	39.67	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	155767	27.17	ng		84
65) n-Nitrosodiphenylamine	10.51	169	1176152	37.91	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	419060	40.12	ng	#	71
67) Hexachlorobenzene	10.94	284	450986	38.36	ng	#	93
68) Atrazine	11.05	200	420057	41.37	ng		92
69) Pentachlorophenol	11.14	266	201903	33.12	ng		97
70) Phenanthrene	11.36	178	1888691	37.21	ng		96
71) Anthracene	11.41	178	2142231	43.05	ng		99
72) Carbazole	11.56	167	1672474	34.38	ng		99
73) Di-n-butylphthalate	11.90	149	2371376	46.17	ng		98
74) Fluoranthene	12.55	202	1953418	36.84	ng		95
76) Benzidine	12.67	184	756422	37.76	ng		97
77) Pyrene	12.77	202	1882894	42.95	ng		99
79) Butylbenzylphthalate	13.39	149	793010	41.80	ng		90
80) Benzo(a)anthracene	13.95	228	1335523	40.71	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	563543	49.22	ng		98
82) Chrysene	14.00	228	1401566	44.46	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	986474	41.16	ng		98
84) Di-n-octyl phthalate	14.57	149	1836889	45.40	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.75	276	1350166	54.03	ng		99
87) Benzo(b)fluoranthene	14.98	252	1424149m	36.37	ng		
88) Benzo(k)fluoranthene	15.00	252	1152583m	35.99	ng		
89) Benzo(a)pyrene	15.32	252	1301278	39.18	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	1112914	38.94	ng		97
91) Benzo(g,h,i)perylene	17.16	276	1102039	37.24	ng		98

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

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