Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089913.D
Acq On : 26 Aug 2016 17:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 26 18:49:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	388286	20.00	ng		-0.03
21) Naphthalene-d8	7.94	136	1619573	20.00	ng		-0.03
38) Acenaphthene-d10	9.69	164	769905	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	1335421	20.00	ng		-0.03
75) Chrysene-d12	13.78	240	917852	20.00	ng		-0.09
86) Perylene-d12	15.13	264	794824	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1642130	72.53	ng		-0.03
7) Phenol-d6	6.30	99	2189878	78.79	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1921978	73.73	ng		-0.03
41) 2,4,6-Tribromophenol	10.48	330	569267	77.80	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	3348236	76.43	ng		-0.03
78) Terphenyl-d14	12.74	244	2369504	58.40	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	442205	39.46	ng		94
3) Pyridine	2.74	79	1201092	40.87	ng		92
4) n-Nitrosodimethylamine	2.71	42	464654	42.47	ng	#	83
6) Aniline	6.32	93	1444996	38.76	ng	#	81
8) 2-Chlorophenol	6.43	128	1007672	37.22	ng		92
9) Benzaldehyde	6.19	77	665612	36.76	ng		85
10) Phenol	6.31	94	1182774	36.31	ng		86
11) bis(2-Chloroethyl)ether	6.40	93	1029976	40.78	ng		96
12) 1,3-Dichlorobenzene	6.59	146	1209956m	42.75	ng		
13) 1,4-Dichlorobenzene	6.67	146	1235423	42.46	ng		94
14) 1,2-Dichlorobenzene	6.82	146	949598m	34.96	ng		
15) Benzyl Alcohol	6.80	79	702525	38.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1216667	37.63	ng		91
17) 2-Methylphenol	6.92	107	843786	39.79	ng		96
18) Hexachloroethane	7.16	117	408351	39.35	ng		92
19) n-Nitroso-di-n-propylamine	7.10	70	703830	39.60	ng	#	81
20) 3+4-Methylphenols	7.08	107	1030077	39.62	ng	#	51
22) Acetophenone	7.07	105	1290562	34.70	ng	#	87
24) Nitrobenzene	7.24	77	1041585	35.61	ng		94
25) Isophorone	7.50	82	2010739	38.24	ng	#	93
26) 2-Nitrophenol	7.56	139	634336	43.47	ng		91
27) 2,4-Dimethylphenol	7.61	122	1018886	38.74	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1106044	34.00	ng		98
29) 2,4-Dichlorophenol	7.80	162	905372	41.03	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	924104	37.86	ng		98
31) Naphthalene	7.96	128	2948765	38.96	ng		99
32) Benzoic acid	7.77	122	822598	40.14	ng		92
33) 4-Chloroaniline	8.01	127	1213370	36.98	ng	#	89
34) Hexachlorobutadiene	8.09	225	499663	39.09	ng		98
35) Caprolactam	8.41	113	254275	37.84	ng		97
36) 4-Chloro-3-methylphenol	8.50	107	826475	34.58	ng		93
37) 2-Methylnaphthalene	8.65	142	1705383	34.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	920661	36.93	ng		97
40) Hexachlorocyclopentadiene	8.81	237	418966	48.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	630733	40.21	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	602557	38.63	ng		98
45) 1,1'-Biphenyl	9.12	154	2125304	35.67	ng		96
46) 2-Chloronaphthalene	9.14	162	1909943	40.55	ng		92
47) 2-Nitroaniline	9.23	65	469871	34.98	ng		90
48) Acenaphthylene	9.55	152	2941346	41.56	ng		99
49) Dimethylphthalate	9.43	163	1884871	34.77	ng		99
50) 2,6-Dinitrotoluene	9.48	165	491403	39.26	ng		95
51) Acenaphthene	9.72	154	1875148	40.03	ng		99
52) 3-Nitroaniline	9.64	138	552781	39.87	ng		96
53) 2,4-Dinitrophenol	9.75	184	237865	41.41	ng		98
54) Dibenzofuran	9.90	168	2337727	39.74	ng		91
55) 4-Nitrophenol	9.82	139	537164	47.46	ng		87
56) 2,4-Dinitrotoluene	9.88	165	646952	39.84	ng	#	83
57) Fluorene	10.23	166	1681756	35.87	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.01	232	417730	36.79	ng		97
59) Diethylphthalate	10.12	149	2012047	36.54	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	657932	30.76	ng		93
61) 4-Nitroaniline	10.26	138	522550	40.20	ng		97
62) Azobenzene	10.39	77	1854543	35.82	ng		94
64) 4,6-Dinitro-2-methylphenol	10.28	198	328452	42.80	ng		94
65) n-Nitrosodiphenylamine	10.35	169	1665167	39.66	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	548999	39.21	ng	#	85
67) Hexachlorobenzene	10.78	284	549413	34.40	ng	#	81
68) Atrazine	10.89	200	537204	41.77	ng		93
69) Pentachlorophenol	10.97	266	400706	44.26	ng		97
70) Phenanthrene	11.19	178	2716914	40.28	ng		97
71) Anthracene	11.23	178	2360235	34.42	ng		99
72) Carbazole	11.39	167	2514622	40.89	ng		98
73) Di-n-butylphthalate	11.74	149	2831917	36.81	ng		98
74) Fluoranthene	12.37	202	2737586	42.67	ng		97
76) Benzidine	12.49	184	1368459	46.07	ng		98
77) Pyrene	12.58	202	2749994	36.79	ng		98
79) Butylbenzylphthalate	13.22	149	1270717	37.64	ng		93
80) Benzo(a)anthracene	13.77	228	2069581	39.37	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	850493	49.35	ng	#	94
82) Chrysene	13.81	228	1804494	40.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1742365	37.47	ng	#	97
84) Di-n-octyl phthalate	14.40	149	2871673	46.47	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.38	276	1823453	31.72	ng		99
87) Benzo(b)fluoranthene	14.77	252	1844522m	42.18	ng		
88) Benzo(k)fluoranthene	14.79	252	1511428m	38.10	ng		
89) Benzo(a)pyrene	15.07	252	1647624	39.81	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	1496975	33.32	ng		96
91) Benzo(g,h,i)perylene	16.75	276	1559252	32.96	ng		97

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

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