Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083776.D
Acq On : 14 Dec 2015 18:37
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 15 02:30:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	113771	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	468101	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	213360	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	402461	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	313005	20.00	ng		-0.02
86) Perylene-d12	15.48	264	251818	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	595693	84.47	ng		-0.02
7) Phenol-d6	6.53	99	735352	82.34	ng		-0.01
23) Nitrobenzene-d5	7.47	82	675910	80.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	186189	85.64	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1093620	71.67	ng		-0.02
78) Terphenyl-d14	13.00	244	982274	67.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	131852	38.66	ng	#	81
3) Pyridine	3.24	79	333891	38.92	ng		84
4) n-Nitrosodimethylamine	3.18	42	130633	40.24	ng	#	68
6) Aniline	6.56	93	499109	41.14	ng	#	86
8) 2-Chlorophenol	6.68	128	326373	39.38	ng		93
9) Benzaldehyde	6.44	77	186230	38.83	ng		89
10) Phenol	6.54	94	437873	42.60	ng		77
11) bis(2-Chloroethyl)ether	6.64	93	311001	41.78	ng		91
12) 1,3-Dichlorobenzene	6.84	146	352546	40.09	ng		99
13) 1,4-Dichlorobenzene	6.92	146	374213	42.11	ng		97
14) 1,2-Dichlorobenzene	7.07	146	316388	39.62	ng		95
15) Benzyl Alcohol	7.04	79	264383	40.30	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	372121	38.50	ng		70
17) 2-Methylphenol	7.15	107	274897	41.26	ng	#	86
18) Hexachloroethane	7.42	117	133068	42.16	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	231386	42.31	ng	#	83
20) 3+4-Methylphenols	7.31	107	321912	40.93	ng	#	63
22) Acetophenone	7.31	105	405083	35.28	ng	#	94
24) Nitrobenzene	7.48	77	321334	36.90	ng	#	89
25) Isophorone	7.72	82	608812	37.09	ng		96
26) 2-Nitrophenol	7.80	139	189140	45.21	ng	#	80
27) 2,4-Dimethylphenol	7.84	122	281474m	34.24	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	386029	41.21	ng	#	97
29) 2,4-Dichlorophenol	8.04	162	268848	39.84	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	289550	41.38	ng		97
31) Naphthalene	8.21	128	980374	40.18	ng		99
32) Benzoic acid	7.95	122	231394m	45.17	ng		
33) 4-Chloroaniline	8.26	127	414277	41.57	ng	#	82
34) Hexachlorobutadiene	8.34	225	154218	40.16	ng		95
35) Caprolactam	8.62	113	86323	39.84	ng	#	68
36) 4-Chloro-3-methylphenol	8.74	107	329255	41.71	ng	#	85
37) 2-Methylnaphthalene	8.90	142	571070	37.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	277842	44.14	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	137584	43.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	185622	40.29	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	193395	44.25	ng	#	92
45) 1,1'-Biphenyl	9.37	154	801256	42.37	ng		96
46) 2-Chloronaphthalene	9.39	162	596837	42.76	ng		95
47) 2-Nitroaniline	9.48	65	175071	44.22	ng	#	41
48) Acenaphthylene	9.80	152	892832	38.02	ng		99
49) Dimethylphthalate	9.66	163	655805	39.43	ng		99
50) 2,6-Dinitrotoluene	9.72	165	158196	44.81	ng	#	80
51) Acenaphthene	9.97	154	547789	38.59	ng		100
52) 3-Nitroaniline	9.89	138	182178	44.76	ng	#	58
53) 2,4-Dinitrophenol	10.00	184	70585	47.23	ng	#	66
54) Dibenzofuran	10.14	168	723411	38.46	ng		92
55) 4-Nitrophenol	10.04	139	145055	48.13	ng		84
56) 2,4-Dinitrotoluene	10.12	165	194897	42.26	ng	#	80
57) Fluorene	10.49	166	568929	38.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	133737	40.80	ng	#	100
59) Diethylphthalate	10.36	149	660255	39.21	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	270332	40.02	ng	#	82
61) 4-Nitroaniline	10.50	138	163866	45.68	ng		94
62) Azobenzene	10.64	77	540670	35.22	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	120070	52.43	ng	#	59
65) n-Nitrosodiphenylamine	10.60	169	588314	42.74	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	177319	39.40	ng	#	87
67) Hexachlorobenzene	11.04	284	186379	38.28	ng		94
68) Atrazine	11.13	200	180238	46.02	ng		97
69) Pentachlorophenol	11.23	266	121905	44.39	ng		98
70) Phenanthrene	11.45	178	914260	42.76	ng		99
71) Anthracene	11.49	178	869775	39.17	ng		99
72) Carbazole	11.65	167	889699	43.00	ng		99
73) Di-n-butylphthalate	11.98	149	971961	38.68	ng		99
74) Fluoranthene	12.63	202	906810	41.05	ng		94
76) Benzidine	12.75	184	473559	49.65	ng		97
77) Pyrene	12.85	202	912948	36.90	ng		99
79) Butylbenzylphthalate	13.48	149	411509	38.76	ng	#	80
80) Benzo(a)anthracene	14.04	228	726793	40.83	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	285034	44.39	ng	#	95
82) Chrysene	14.08	228	620506	35.74	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	454428	37.60	ng		99
84) Di-n-octyl phthalate	14.65	149	766990	39.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	696767	40.87	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	598988m	37.29	ng		
88) Benzo(k)fluoranthene	15.11	252	631698m	43.40	ng		
89) Benzo(a)pyrene	15.43	252	575506	40.14	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	563596	39.54	ng		99
91) Benzo(g,h,i)perylene	17.35	276	593453	40.50	ng		96

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

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