Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091256.D
Acq On : 21 Nov 2016 21:20
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Nov 22 00:19:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:03:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	212770	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	834849	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	437155	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	719427	20.00	ng	0.00
75) Chrysene-d12	13.71	240	549892	20.00	ng	0.00
86) Perylene-d12	15.07	264	474810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1016980	79.85	ng	0.00
7) Phenol-d6	6.24	99	1257790	73.70	ng	0.00
23) Nitrobenzene-d5	7.15	82	1237290	80.45	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	306302	77.38	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	2120330	82.95	ng	0.00
78) Terphenyl-d14	12.67	244	1912975	86.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	226503	31.76	ng	100
3) Pyridine	2.61	79	664394	39.07	ng	100
4) n-Nitrosodimethylamine	2.57	42	342586	48.68	ng	100
6) Aniline	6.24	93	754816	37.66	ng	100
8) 2-Chlorophenol	6.36	128	535729	35.72	ng	100
9) Benzaldehyde	6.11	77	315323	34.07	ng	100
10) Phenol	6.25	94	732815	38.21	ng	100
11) bis(2-Chloroethyl)ether	6.32	93	549659	34.60	ng	100
12) 1,3-Dichlorobenzene	6.51	146	601938	39.21	ng	100
13) 1,4-Dichlorobenzene	6.59	146	617154	37.43	ng	100
14) 1,2-Dichlorobenzene	6.74	146	549972	36.88	ng	100
15) Benzyl Alcohol	6.74	79	497064	40.52	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1037788	43.74	ng	100
17) 2-Methylphenol	7.01	107	585902	47.38	ng	100
18) Hexachloroethane	7.08	117	232150	36.77	ng	100
19) n-Nitroso-di-n-propylamine	7.00	70	413755	35.08	ng	100
20) 3+4-Methylphenols	7.01	107	585902	40.74	ng	100
22) Acetophenone	7.00	105	780354	40.56	ng	100
24) Nitrobenzene	7.16	77	635946	38.38	ng	100
25) Isophorone	7.41	82	1125003	38.27	ng	100
26) 2-Nitrophenol	7.48	139	301946	41.95	ng	100
27) 2,4-Dimethylphenol	7.54	122	458527	39.36	ng	100
28) bis(2-Chloroethoxy)methane	7.63	93	646527	40.74	ng	100
29) 2,4-Dichlorophenol	7.73	162	480993	45.75	ng	100
30) 1,2,4-Trichlorobenzene	7.80	180	493786	42.42	ng	100
31) Naphthalene	7.88	128	1562558	39.50	ng	100
32) Benzoic acid	7.71	122	318404	39.30	ng	100
33) 4-Chloroaniline	7.95	127	638930	38.78	ng	100
34) Hexachlorobutadiene	8.01	225	290534	45.28	ng	100
35) Caprolactam	8.33	113	123606	38.40	ng	100
36) 4-Chloro-3-methylphenol	8.44	107	493580	39.88	ng	100
37) 2-Methylnaphthalene	8.58	142	1014127	39.49	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	466247	42.31	ng	100
40) Hexachlorocyclopentadiene	8.73	237	135774	38.59	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	302209	42.28	ng	100
43) 2,4,5-Trichlorophenol	8.91	196	301062	40.25	ng	100
45) 1,1'-Biphenyl	9.04	154	1220823	38.76	ng	100
46) 2-Chloronaphthalene	9.06	162	954986	39.88	ng	100
47) 2-Nitroaniline	9.17	65	368939	41.62	ng	100
48) Acenaphthylene	9.47	152	1462135	38.99	ng	100
49) Dimethylphthalate	9.36	163	1164634	40.58	ng	100
50) 2,6-Dinitrotoluene	9.41	165	250679	40.46	ng	100
51) Acenaphthene	9.64	154	907247	38.32	ng	100
52) 3-Nitroaniline	9.58	138	289384	40.00	ng	100
53) 2,4-Dinitrophenol	9.70	184	131704	44.67	ng	100
54) Dibenzofuran	9.81	168	1242538	38.99	ng	100
55) 4-Nitrophenol	9.77	139	119268m	31.73	ng	
56) 2,4-Dinitrotoluene	9.82	165	294153	38.71	ng	100
57) Fluorene	10.16	166	1038151	39.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	263923	44.82	ng	100
59) Diethylphthalate	10.04	149	1027391	35.84	ng	100
60) 4-Chlorophenyl-phenylether	10.16	204	459597	39.48	ng	100
61) 4-Nitroaniline	10.20	138	287426	39.60	ng	100
62) Azobenzene	10.32	77	1246290	36.54	ng	100
64) 4,6-Dinitro-2-methylphenol	10.22	198	182261	41.12	ng	100
65) n-Nitrosodiphenylamine	10.27	169	841808	36.99	ng	100
66) 4-Bromophenyl-phenylether	10.64	248	295208	39.11	ng	100
67) Hexachlorobenzene	10.70	284	335422	40.86	ng	100
68) Atrazine	10.81	200	236656	37.29	ng	100
69) Pentachlorophenol	10.90	266	137058	38.13	ng	100
70) Phenanthrene	11.10	178	1384811	37.08	ng	100
71) Anthracene	11.16	178	1524968	37.52	ng	100
72) Carbazole	11.32	167	1334382	36.56	ng	100
73) Di-n-butylphthalate	11.66	149	1707168	37.82	ng	100
74) Fluoranthene	12.29	202	1659476	41.24	ng	100
76) Benzidine	12.42	184	550985	44.65	ng	100
77) Pyrene	12.52	202	1630759	43.92	ng	100
79) Butylbenzylphthalate	13.15	149	745837	42.80	ng	100
80) Benzo(a)anthracene	13.70	228	1266331	40.45	ng	100
81) 3,3'-Dichlorobenzidine	13.68	252	484590	43.52	ng	100
82) Chrysene	13.75	228	1380290	44.31	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	887184	38.49	ng	100
84) Di-n-octyl phthalate	14.33	149	1534072	40.38	ng	100
85) Indeno(1,2,3-cd)pyrene	16.31	276	1017182	39.61	ng	100
87) Benzo(b)fluoranthene	14.71	252	1054457m	34.17	ng	
88) Benzo(k)fluoranthene	14.73	252	1051902m	37.61	ng	
89) Benzo(a)pyrene	15.01	252	1007141	36.91	ng	100
90) Dibenzo(a,h)anthracene	16.31	278	864718	36.54	ng	100
91) Benzo(g,h,i)perylene	16.67	276	879746	40.43	ng	100

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

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