Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085057.D
Acq On : 12 Feb 2016 21:34
Operator : SJ/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/15/2016 4:43:08 PM

Quant Time: Feb 13 00:06:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 23:09:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	167979	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	707317	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	318601	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	571483	20.00	ng		0.00
75) Chrysene-d12	17.18	240	354389	20.00	ng		0.00
86) Perylene-d12	18.80	264	296820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.14	112	1491479	140.67	ng		-0.02
7) Phenol-d6	5.45	99	1843241	136.37	ng		0.01
23) Nitrobenzene-d5	6.73	82	1855223	148.72	ng		0.01
41) 2,4,6-Tribromophenol	11.90	330	515312	155.20	ng		0.01
44) 2-Fluorobiphenyl	9.54	172	3234149	149.20	ng		0.01
78) Terphenyl-d14	15.63	244	2664733	167.56	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	328296	70.34	ng		98
3) Pyridine	2.42	79	765878	63.52	ng		98
4) n-Nitrosodimethylamine	2.41	42	401740	65.45	ng		98
6) Aniline	5.46	93	1130794	69.85	ng		93
8) 2-Chlorophenol	5.60	128	929187	76.25	ng		99
9) Benzaldehyde	5.29	77	409905	52.77	ng		98
10) Phenol	5.47	94	1173002	76.69	ng		85
11) bis(2-Chloroethyl)ether	5.54	93	997868	82.82	ng		93
12) 1,3-Dichlorobenzene	5.79	146	934708	72.54	ng		98
13) 1,4-Dichlorobenzene	5.91	146	1010064	77.69	ng		98
14) 1,2-Dichlorobenzene	6.11	146	923466	76.89	ng		98
15) Benzyl Alcohol	6.15	79	653011m	71.38	ng		
16) 2,2'-oxybis(1-Chloropropan	6.30	45	1500707	75.59	ng		99
17) 2-Methylphenol	6.33	107	645185	68.65	ng		96
18) Hexachloroethane	6.59	117	372151	74.98	ng		93
19) n-Nitroso-di-n-propylamine	6.52	70	629028	74.41	ng		95
20) 3+4-Methylphenols	6.57	107	799530	67.84	ng		98
22) Acetophenone	6.50	105	1399549	74.91	ng	#	95
24) Nitrobenzene	6.75	77	992104	72.88	ng		99
25) Isophorone	7.12	82	1732959	72.00	ng		99
26) 2-Nitrophenol	7.22	139	502707	75.81	ng		97
27) 2,4-Dimethylphenol	7.35	122	809888	70.49	ng		100
28) bis(2-Chloroethoxy)methane	7.47	93	1054139	73.06	ng		99
29) 2,4-Dichlorophenol	7.63	162	735468	75.23	ng		97
30) 1,2,4-Trichlorobenzene	7.71	180	822348	73.79	ng		98
31) Naphthalene	7.83	128	2602409	72.95	ng		99
32) Benzoic acid	7.70	122	415341	59.02	ng		99
33) 4-Chloroaniline	7.96	127	999773	68.04	ng		99
34) Hexachlorobutadiene	8.02	225	466398	73.02	ng		97
35) Caprolactam	8.62	113	189058	64.79	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	840595	74.23	ng		98
37) 2-Methylnaphthalene	8.92	142	1616963	73.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.20	216	800620	77.44	ng		99
40) Hexachlorocyclopentadiene	9.16	237	346350	97.22	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	453286	70.42	ng		100
43) 2,4,5-Trichlorophenol	9.51	196	505798	75.77	ng		99
45) 1,1'-Biphenyl	9.69	154	2143515	74.90	ng		99
46) 2-Chloronaphthalene	9.71	162	1517540	72.09	ng		98
47) 2-Nitroaniline	9.93	65	513387	76.01	ng		95
48) Acenaphthylene	10.36	152	2424340	75.61	ng		98
49) Dimethylphthalate	10.25	163	1831137	75.53	ng		99
50) 2,6-Dinitrotoluene	10.34	165	378546	72.31	ng		92
51) Acenaphthene	10.65	154	1471057	71.27	ng		100
52) 3-Nitroaniline	10.63	138	431502	72.45	ng		98
53) 2,4-Dinitrophenol	10.80	184	169385	82.39	ng		87
54) Dibenzofuran	10.94	168	1979277	77.59	ng		100
55) 4-Nitrophenol	11.02	139	284724	68.04	ng		94
56) 2,4-Dinitrotoluene	10.99	165	532972	78.33	ng		93
57) Fluorene	11.48	166	1657358	77.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	406846	78.58	ng		96
59) Diethylphthalate	11.39	149	1802579	75.40	ng		97
60) 4-Chlorophenyl-phenylether	11.52	204	796241	77.57	ng		99
61) 4-Nitroaniline	11.66	138	397236	68.92	ng		97
62) Azobenzene	11.77	77	1724288	75.27	ng		98
64) 4,6-Dinitro-2-methylphenol	11.66	198	273684	79.86	ng		80
65) n-Nitrosodiphenylamine	11.74	169	1385446	77.31	ng		98
66) 4-Bromophenyl-phenylether	12.31	248	494942	78.90	ng		98
67) Hexachlorobenzene	12.37	284	525844	76.08	ng		95
68) Atrazine	12.65	200	384123	67.06	ng		97
69) Pentachlorophenol	12.73	266	235201	75.38	ng		96
70) Phenanthrene	13.04	178	2331134	73.04	ng		99
71) Anthracene	13.12	178	2489247	78.47	ng		98
72) Carbazole	13.43	167	2084292	75.74	ng		99
73) Di-n-butylphthalate	14.05	149	2638821	74.06	ng		100
74) Fluoranthene	14.97	202	2334091	73.37	ng		99
76) Benzidine	15.26	184	410034	42.47	ng		96
77) Pyrene	15.33	202	2313150	85.46	ng		99
79) Butylbenzylphthalate	16.45	149	970666	79.69	ng		93
80) Benzo(a)anthracene	17.17	228	1536102	70.39	ng		98
81) 3,3'-Dichlorobenzidine	17.17	252	469863	63.27	ng		96
82) Chrysene	17.21	228	1553383	73.92	ng		100
83) Bis(2-ethylhexyl)phthalate	17.27	149	1247865	81.22	ng		99
84) Di-n-octyl phthalate	18.03	149	1796327	72.52	ng		100
85) Indeno(1,2,3-cd)pyrene	20.10	276	1499927	89.77	ng		100
87) Benzo(b)fluoranthene	18.41	252	1260458m	63.03	ng		
88) Benzo(k)fluoranthene	18.45	252	1272101m	77.78	ng		
89) Benzo(a)pyrene	18.74	252	1227395	72.65	ng	#	97
90) Dibenzo(a,h)anthracene	20.11	278	1222515	83.85	ng		98
91) Benzo(g,h,i)perylene	20.49	276	1297451	88.35	ng		99

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

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