Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090079.D
Acq On : 15 Sep 2016 5:02
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
sohil
9/15/2016 12:51:49 PM

Quant Time: Sep 15 08:05:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	165720	20.00	ng		0.01
21) Naphthalene-d8	7.85	136	687361	20.00	ng		0.01
38) Acenaphthene-d10	9.59	164	319252	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	585146	20.00	ng		0.01
75) Chrysene-d12	13.68	240	302499	20.00	ng		0.01
86) Perylene-d12	14.99	264	340517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1664566	160.56	ng		0.01
7) Phenol-d6	6.23	99	1884886	139.18	ng		0.02
23) Nitrobenzene-d5	7.14	82	1692845	138.96	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	458366	140.53	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.64	244	2264061	186.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	419327	81.07	ng		99
3) Pyridine	2.59	79	1120924	85.77	ng		97
4) n-Nitrosodimethylamine	2.58	42	353470	88.82	ng		96
6) Aniline	6.23	93	1217438	72.30	ng		95
8) 2-Chlorophenol	6.34	128	818145	68.89	ng		98
9) Benzaldehyde	6.10	77	470561	65.55	ng		97
10) Phenol	6.24	94	1180016	74.94	ng		79
11) bis(2-Chloroethyl)ether	6.31	93	811297	67.06	ng		97
12) 1,3-Dichlorobenzene	6.50	146	908882	74.20	ng	#	95
13) 1,4-Dichlorobenzene	6.57	146	868550	69.13	ng		97
14) 1,2-Dichlorobenzene	6.73	146	643457m	55.66	ng		
15) Benzyl Alcohol	6.73	79	536311	69.93	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.86	45	955828	65.66	ng		95
17) 2-Methylphenol	6.83	107	723514	74.67	ng		99
18) Hexachloroethane	7.07	117	334481	72.80	ng	#	84
19) n-Nitroso-di-n-propylamine	7.02	70	648425	77.53	ng		100
20) 3+4-Methylphenols	7.00	107	759452	65.14	ng		96
22) Acetophenone	6.99	105	1255275	75.46	ng	#	98
24) Nitrobenzene	7.16	77	976733	75.84	ng	#	77
25) Isophorone	7.42	82	1964003	77.00	ng		99
26) 2-Nitrophenol	7.47	139	532445	85.80	ng	#	89
27) 2,4-Dimethylphenol	7.53	122	849170	77.58	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	1107188	74.50	ng		99
29) 2,4-Dichlorophenol	7.71	162	679500	70.03	ng		88
30) 1,2,4-Trichlorobenzene	7.79	180	657040	68.83	ng		98
31) Naphthalene	7.87	128	2409708	71.27	ng		99
32) Benzoic acid	7.74	122	706424	83.65	ng		97
33) 4-Chloroaniline	7.93	127	1085985	76.15	ng		97
34) Hexachlorobutadiene	7.99	225	336213	69.12	ng		99
35) Caprolactam	8.35	113	275948m	83.66	ng		
36) 4-Chloro-3-methylphenol	8.43	107	897052	79.15	ng		96
37) 2-Methylnaphthalene	8.56	142	1338746	64.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	597216	72.29	ng		99
40) Hexachlorocyclopentadiene	8.72	237	347162	81.00	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	447959	73.50	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	461368	70.62	ng		97
45) 1,1'-Biphenyl	9.03	154	1516793	56.64	ng		97
46) 2-Chloronaphthalene	9.05	162	1411750	74.93	ng		98
47) 2-Nitroaniline	9.15	65	526667	85.07	ng		99
48) Acenaphthylene	9.45	152	2174642	66.75	ng		99
49) Dimethylphthalate	9.35	163	1650298	69.44	ng		99
50) 2,6-Dinitrotoluene	9.40	165	463470	87.47	ng	#	73
51) Acenaphthene	9.63	154	1314890	67.52	ng		100
52) 3-Nitroaniline	9.56	138	466533	72.47	ng		92
53) 2,4-Dinitrophenol	9.67	184	234516	93.31	ng	#	89
54) Dibenzofuran	9.79	168	1584669	62.23	ng		92
55) 4-Nitrophenol	9.75	139	418756	66.31	ng		84
56) 2,4-Dinitrotoluene	9.80	165	489783	75.56	ng	#	79
57) Fluorene	10.14	166	1049367	52.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	326313	66.13	ng		95
59) Diethylphthalate	10.04	149	1658082	72.29	ng		95
60) 4-Chlorophenyl-phenylether	10.14	204	470043	55.41	ng		91
61) 4-Nitroaniline	10.19	138	480856	72.97	ng		88
62) Azobenzene	10.30	77	1703533	69.92	ng		97
64) 4,6-Dinitro-2-methylphenol	10.22	198	321207	84.90	ng		77
65) n-Nitrosodiphenylamine	10.26	169	1167470	62.43	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	394408	70.20	ng	#	80
67) Hexachlorobenzene	10.68	284	488499	74.13	ng	#	87
68) Atrazine	10.80	200	396078	73.07	ng		98
69) Pentachlorophenol	10.87	266	295557	75.24	ng		98
70) Phenanthrene	11.08	178	1664279	58.59	ng		98
71) Anthracene	11.14	178	2103686	70.74	ng		99
72) Carbazole	11.30	167	2285343	72.31	ng		99
73) Di-n-butylphthalate	11.64	149	2530997	72.57	ng		100
74) Fluoranthene	12.26	202	2039049	69.43	ng		97
76) Benzidine	12.39	184	1025969	82.36	ng	#	95
77) Pyrene	12.48	202	2071375	97.75	ng		99
79) Butylbenzylphthalate	13.12	149	984339	92.12	ng	#	81
80) Benzo(a)anthracene	13.67	228	1560952	91.39	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	654401	90.91	ng		97
82) Chrysene	13.70	228	1348470	80.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	1195583	90.49	ng		98
84) Di-n-octyl phthalate	14.30	149	2324851	99.61	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	1355393	93.85	ng		99
87) Benzo(b)fluoranthene	14.65	252	1416200m	68.56	ng		
88) Benzo(k)fluoranthene	14.67	252	1344650m	79.58	ng		
89) Benzo(a)pyrene	14.95	252	1284245	71.06	ng	#	93
90) Dibenzo(a,h)anthracene	16.21	278	1108235	77.37	ng		96
91) Benzo(g,h,i)perylene	16.55	276	1130754	82.59	ng		99

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

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