Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090379.D
Acq On : 5 Oct 2016 14:14
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:21 PM

Quant Time: Oct 05 14:57:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 13:33:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	271038	20.00	ng		0.01
21) Naphthalene-d8	8.30	136	1129044	20.00	ng		0.01
38) Acenaphthene-d10	10.06	164	589007	20.00	ng		0.01
63) Phenanthrene-d10	11.55	188	893488	20.00	ng		0.00
75) Chrysene-d12	14.20	240	630326	20.00	ng		0.00
86) Perylene-d12	15.71	264	436670	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2726521	158.66	ng		0.01
7) Phenol-d6	6.65	99	3476190	161.83	ng		0.02
23) Nitrobenzene-d5	7.58	82	3355009	173.22	ng		0.01
41) 2,4,6-Tribromophenol	10.85	330	747759	146.17	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.15	244	4509222	166.55	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	679591	81.02	ng	#	92
3) Pyridine	3.50	79	1918503	86.29	ng	#	85
4) n-Nitrosodimethylamine	3.47	42	773963	96.10	ng	#	60
6) Aniline	6.68	93	2432957	82.43	ng		98
8) 2-Chlorophenol	6.79	128	1348334	69.83	ng		93
9) Benzaldehyde	6.55	77	856685	85.92	ng		95
10) Phenol	6.66	94	2248382	86.06	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	1578167	85.07	ng		96
12) 1,3-Dichlorobenzene	6.95	146	1524049	76.00	ng		98
13) 1,4-Dichlorobenzene	7.02	146	1379432	67.74	ng		97
14) 1,2-Dichlorobenzene	7.18	146	1429742	73.85	ng		98
15) Benzyl Alcohol	7.15	79	1270746	83.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	2331856	82.24	ng		91
17) 2-Methylphenol	7.26	107	1210488	80.93	ng		99
18) Hexachloroethane	7.53	117	606354	82.29	ng		97
19) n-Nitroso-di-n-propylamine	7.43	70	1210451	88.25	ng	#	83
20) 3+4-Methylphenols	7.42	107	1537858	80.87	ng	#	82
22) Acetophenone	7.42	105	1834391	70.17	ng	#	98
24) Nitrobenzene	7.59	77	1622194	78.44	ng		96
25) Isophorone	7.85	82	3251525	88.24	ng		99
26) 2-Nitrophenol	7.91	139	868115	108.78	ng		92
27) 2,4-Dimethylphenol	7.95	122	1361753	75.64	ng		96
28) bis(2-Chloroethoxy)methane	8.05	93	1909317	83.44	ng		99
29) 2,4-Dichlorophenol	8.15	162	1099656	74.61	ng		92
30) 1,2,4-Trichlorobenzene	8.23	180	1148196	69.55	ng		99
31) Naphthalene	8.33	128	3967951	73.53	ng		98
32) Benzoic acid	8.11	122	1045407	98.74	ng		94
33) 4-Chloroaniline	8.37	127	1775954	82.38	ng	#	88
34) Hexachlorobutadiene	8.44	225	692776	71.29	ng		98
35) Caprolactam	8.77	113	422302	109.55	ng		90
36) 4-Chloro-3-methylphenol	8.85	107	1287657	81.35	ng		98
37) 2-Methylnaphthalene	9.01	142	2210214	65.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	1253482	75.39	ng		98
40) Hexachlorocyclopentadiene	9.17	237	726149	74.68	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	808705	77.32	ng		97
43) 2,4,5-Trichlorophenol	9.33	196	776334	73.77	ng		98
45) 1,1'-Biphenyl	9.48	154	2700297	59.22	ng		97
46) 2-Chloronaphthalene	9.50	162	2242457	65.51	ng		97
47) 2-Nitroaniline	9.59	65	840291	89.94	ng		90
48) Acenaphthylene	9.93	152	3466981	66.96	ng		97
49) Dimethylphthalate	9.79	163	2711585	77.77	ng		99
50) 2,6-Dinitrotoluene	9.85	165	677029	88.76	ng	#	87
51) Acenaphthene	10.10	154	2270029	72.04	ng		98
52) 3-Nitroaniline	10.02	138	805419	93.22	ng		97
53) 2,4-Dinitrophenol	10.11	184	338924	146.98	ng	#	30
54) Dibenzofuran	10.27	168	2876017	69.03	ng		90
55) 4-Nitrophenol	10.17	139	551363	80.15	ng		96
56) 2,4-Dinitrotoluene	10.25	165	753576	82.09	ng	#	34
57) Fluorene	10.61	166	2286653	65.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	589325	79.41	ng	#	81
59) Diethylphthalate	10.49	149	2689228	75.45	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	1108834	67.09	ng		96
61) 4-Nitroaniline	10.63	138	734877	94.57	ng		95
62) Azobenzene	10.76	77	2926408	78.79	ng		91
65) n-Nitrosodiphenylamine	10.73	169	2318481	76.10	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	671553	69.55	ng	#	89
67) Hexachlorobenzene	11.16	284	757783	66.77	ng	#	82
68) Atrazine	11.25	200	597404	81.90	ng		97
69) Pentachlorophenol	11.35	266	534667	84.05	ng		98
70) Phenanthrene	11.58	178	3456054	72.10	ng		99
71) Anthracene	11.63	178	3106908	64.93	ng		98
72) Carbazole	11.78	167	3012624	68.49	ng		99
73) Di-n-butylphthalate	12.11	149	3480980	66.22	ng		99
74) Fluoranthene	12.77	202	3473881	76.41	ng		97
76) Benzidine	12.89	184	1394853	80.47	ng	#	95
77) Pyrene	13.00	202	3176414	78.71	ng		96
79) Butylbenzylphthalate	13.62	149	1760511	110.68	ng		88
80) Benzo(a)anthracene	14.19	228	2675842	75.71	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	1049627	86.21	ng	#	98
82) Chrysene	14.24	228	2676480	80.82	ng		98
83) Bis(2-ethylhexyl)phthalate	14.18	149	2139230	84.07	ng		97
84) Di-n-octyl phthalate	14.80	149	3221868	87.15	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.24	276	2151204	60.43	ng	#	94
87) Benzo(b)fluoranthene	15.26	252	1973553	78.59	ng	#	94
88) Benzo(k)fluoranthene	15.30	252	1988618m	82.91	ng		
89) Benzo(a)pyrene	15.65	252	1917079	83.70	ng		98
90) Dibenzo(a,h)anthracene	17.26	278	1791578	79.77	ng	#	95
91) Benzo(g,h,i)perylene	17.71	276	1709018	77.69	ng		96

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

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