Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079484.D
Acq On : 26 May 2015 18:48
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
apatel
5/27/2015 2:00:44 PM

Quant Time: May 26 19:15:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 19:03:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	79966	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	333190	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	163124	20.00	ng		0.00
63) Phenanthrene-d10	12.60	188	304335	20.00	ng		0.01
75) Chrysene-d12	15.87	240	292092	20.00	ng		0.00
86) Perylene-d12	17.57	264	318237	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	738593m	80.12	ng		0.00
7) Phenol-d6	6.62	99	892991	75.35	ng		0.00
23) Nitrobenzene-d5	7.72	82	911597	78.93	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	287680	80.33	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	1664475	71.71	ng		0.00
78) Terphenyl-d14	14.59	244	1791975	70.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	170686m	77.40	ng		
3) Pyridine	2.48	79	388215m	80.46	ng		
4) n-Nitrosodimethylamine	2.43	42	205130m	87.64	ng		
6) Aniline	6.62	93	661911m	79.26	ng		
8) 2-Chlorophenol	6.75	128	428888	79.90	ng		95
9) Benzaldehyde	6.47	77	218709	60.85	ng		99
10) Phenol	6.64	94	536994	77.22	ng		91
11) bis(2-Chloroethyl)ether	6.72	93	399134	79.71	ng		95
12) 1,3-Dichlorobenzene	6.94	146	474037	79.68	ng		97
13) 1,4-Dichlorobenzene	7.04	146	477917	78.59	ng		99
14) 1,2-Dichlorobenzene	7.22	146	425470	74.83	ng		99
15) Benzyl Alcohol	7.22	79	343998	79.60	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	583605	79.61	ng		96
17) 2-Methylphenol	7.38	107	336728	79.83	ng		99
18) Hexachloroethane	7.63	117	166224	79.56	ng		97
19) n-Nitroso-di-n-propylamine	7.55	70	321910	77.51	ng		93
20) 3+4-Methylphenols	7.58	107	469401	81.18	ng		99
22) Acetophenone	7.54	105	609355	81.91	ng	#	92
24) Nitrobenzene	7.75	77	465982	82.37	ng	#	89
25) Isophorone	8.04	82	826382	78.44	ng		95
26) 2-Nitrophenol	8.14	139	235512	88.96	ng		92
27) 2,4-Dimethylphenol	8.22	122	383733	79.26	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	523990	80.55	ng		99
29) 2,4-Dichlorophenol	8.44	162	364882	82.80	ng		99
30) 1,2,4-Trichlorobenzene	8.54	180	377573	82.56	ng		93
31) Naphthalene	8.63	128	1277948	79.91	ng		99
32) Benzoic acid	8.39	122	247752m	83.11	ng		
33) 4-Chloroaniline	8.71	127	521772	77.79	ng		98
34) Hexachlorobutadiene	8.78	225	202073	76.90	ng		99
35) Caprolactam	9.16	113	114596	82.48	ng	#	88
36) 4-Chloro-3-methylphenol	9.34	107	384830	84.44	ng	#	85
37) 2-Methylnaphthalene	9.48	142	885603	79.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	363880	79.71	ng	#	100
40) Hexachlorocyclopentadiene	9.67	237	113665	125.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	254274	79.78	ng		99
43) 2,4,5-Trichlorophenol	9.90	196	256179	80.91	ng		95
45) 1,1'-Biphenyl	10.07	154	1006607	78.84	ng		98
46) 2-Chloronaphthalene	10.08	162	774657	76.51	ng		97
47) 2-Nitroaniline	10.23	65	258224	87.46	ng	#	62
48) Acenaphthylene	10.59	152	1305293	77.85	ng		98
49) Dimethylphthalate	10.47	163	946612	78.55	ng		100
50) 2,6-Dinitrotoluene	10.54	165	201929	84.82	ng	#	69
51) Acenaphthene	10.81	154	750004	78.28	ng		100
52) 3-Nitroaniline	10.74	138	270271	87.72	ng		84
53) 2,4-Dinitrophenol	10.88	184	81415	126.63	ng		96
54) Dibenzofuran	11.02	168	1075958	75.81	ng		97
55) 4-Nitrophenol	10.98	139	171119m	103.67	ng		
56) 2,4-Dinitrotoluene	11.04	165	282744	89.24	ng	#	70
57) Fluorene	11.44	166	876700	74.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.19	232	190371	82.91	ng	#	100
59) Diethylphthalate	11.34	149	908523	76.77	ng		97
60) 4-Chlorophenyl-phenylether	11.46	204	385538	76.34	ng	#	79
61) 4-Nitroaniline	11.50	138	249602	86.83	ng		93
62) Azobenzene	11.66	77	979922	86.65	ng		90
64) 4,6-Dinitro-2-methylphenol	11.54	198	137186	102.47	ng	#	72
65) n-Nitrosodiphenylamine	11.61	169	785489	77.34	ng		98
66) 4-Bromophenyl-phenylether	12.06	248	250871	80.06	ng	#	91
67) Hexachlorobenzene	12.11	284	275764	76.72	ng	#	86
68) Atrazine	12.28	200	163894	57.62	ng		98
69) Pentachlorophenol	12.38	266	128127	96.90	ng		98
70) Phenanthrene	12.63	178	1226443	72.47	ng		97
71) Anthracene	12.70	178	1304838	76.50	ng		98
72) Carbazole	12.91	167	1255426	76.44	ng		97
73) Di-n-butylphthalate	13.36	149	1457260	71.71	ng		98
74) Fluoranthene	14.10	202	1357163	75.14	ng		96
76) Benzidine	14.30	184	468627	74.12	ng		97
77) Pyrene	14.38	202	1406205	77.34	ng		98
79) Butylbenzylphthalate	15.21	149	680241	84.21	ng		93
80) Benzo(a)anthracene	15.86	228	1284575	75.89	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	490298	79.63	ng		98
82) Chrysene	15.91	228	1217566	75.64	ng		98
83) Bis(2-ethylhexyl)phthalate	15.93	149	937649	80.49	ng		98
84) Di-n-octyl phthalate	16.71	149	1612591	79.38	ng		99
85) Indeno(1,2,3-cd)pyrene	18.89	276	1691308	74.71	ng		99
87) Benzo(b)fluoranthene	17.14	252	1381523	75.51	ng		98
88) Benzo(k)fluoranthene	17.18	252	1287328m	74.52	ng		
89) Benzo(a)pyrene	17.51	252	1285274	72.71	ng	#	98
90) Dibenzo(a,h)anthracene	18.91	278	1370523	71.17	ng		99
91) Benzo(g,h,i)perylene	19.28	276	1425740	73.88	ng		95

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

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