Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080890.D
Acq On : 6 Aug 2015 14:56
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:14:44 AM

Quant Time: Aug 07 02:16:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 01:34:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54108	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	223203	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	105924	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	210477	20.00	ng		0.00
75) Chrysene-d12	13.96	240	179975	20.00	ng		0.00
86) Perylene-d12	15.36	264	181768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	176214	51.92	ng		0.00
7) Phenol-d6	6.43	99	229885	49.20	ng		-0.01
23) Nitrobenzene-d5	7.38	82	234615	49.52	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	60449	53.13	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	400342	53.87	ng		0.00
78) Terphenyl-d14	12.91	244	472841	55.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	43111	26.22	ng		98
3) Pyridine	3.04	79	126783	27.34	ng		98
4) n-Nitrosodimethylamine	2.97	42	62778	26.24	ng		98
6) Aniline	6.46	93	171621	24.76	ng		97
8) 2-Chlorophenol	6.59	128	101835	26.42	ng		89
9) Benzaldehyde	6.35	77	86458	26.86	ng		98
10) Phenol	6.45	94	131907	23.53	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	113944	28.71	ng		92
12) 1,3-Dichlorobenzene	6.75	146	109702	26.24	ng		96
13) 1,4-Dichlorobenzene	6.83	146	106041	24.91	ng		97
14) 1,2-Dichlorobenzene	6.98	146	103637	26.56	ng		97
15) Benzyl Alcohol	6.96	79	93479	25.22	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	200857	24.65	ng		99
17) 2-Methylphenol	7.06	107	82254	23.82	ng		96
18) Hexachloroethane	7.32	117	42267	26.15	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	82583	24.82	ng	#	85
20) 3+4-Methylphenols	7.22	107	107945	25.78	ng		96
22) Acetophenone	7.22	105	133171	23.86	ng	#	93
24) Nitrobenzene	7.39	77	123866	25.65	ng		96
25) Isophorone	7.63	82	213059	23.46	ng	#	94
26) 2-Nitrophenol	7.71	139	54284	26.79	ng		94
27) 2,4-Dimethylphenol	7.76	122	96400	24.79	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	132261	24.57	ng		100
29) 2,4-Dichlorophenol	7.95	162	80300	25.91	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	85332	24.83	ng		98
31) Naphthalene	8.12	128	303862	25.09	ng		99
32) Benzoic acid	7.85	122	59765	24.17	ng		98
33) 4-Chloroaniline	8.17	127	136716	27.31	ng		96
34) Hexachlorobutadiene	8.24	225	47578	24.33	ng		100
35) Caprolactam	8.52	113	27628	23.88	ng	#	89
36) 4-Chloro-3-methylphenol	8.65	107	101468	27.18	ng		93
37) 2-Methylnaphthalene	8.81	142	203221	27.22	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	79280	24.57	ng		99
40) Hexachlorocyclopentadiene	8.97	237	48394	26.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	56816	23.87	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	58982	24.80	ng	#	76
45) 1,1'-Biphenyl	9.28	154	235846	26.32	ng		97
46) 2-Chloronaphthalene	9.30	162	178583	25.49	ng		95
47) 2-Nitroaniline	9.39	65	81441	28.58	ng		90
48) Acenaphthylene	9.71	152	337621	27.47	ng		99
49) Dimethylphthalate	9.57	163	215528	25.62	ng		100
50) 2,6-Dinitrotoluene	9.63	165	44155	24.48	ng		89
51) Acenaphthene	9.88	154	206289	27.63	ng		100
52) 3-Nitroaniline	9.80	138	63176	28.33	ng		83
53) 2,4-Dinitrophenol	9.90	184	25575	25.88	ng	#	76
54) Dibenzofuran	10.05	168	281416	27.83	ng		97
55) 4-Nitrophenol	9.95	139	40894	24.30	ng	#	60
56) 2,4-Dinitrotoluene	10.03	165	60968	25.12	ng		90
57) Fluorene	10.40	166	212866	26.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	49749	26.03	ng		98
59) Diethylphthalate	10.27	149	222709	24.31	ng		100
60) 4-Chlorophenyl-phenylether	10.38	204	88898	23.97	ng		99
61) 4-Nitroaniline	10.41	138	60592	26.49	ng		88
62) Azobenzene	10.54	77	240661	23.97	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	34464	25.13	ng	#	63
65) n-Nitrosodiphenylamine	10.51	169	192201	25.63	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	59858	26.17	ng		95
67) Hexachlorobenzene	10.94	284	61840	25.00	ng	#	94
68) Atrazine	11.04	200	60466	27.93	ng		95
69) Pentachlorophenol	11.13	266	35189	25.38	ng		99
70) Phenanthrene	11.36	178	302661	24.57	ng		100
71) Anthracene	11.40	178	324731	26.79	ng		99
72) Carbazole	11.56	167	310774	25.38	ng		98
73) Di-n-butylphthalate	11.89	149	371354	24.88	ng		99
74) Fluoranthene	12.53	202	359548	26.70	ng		97
76) Benzidine	12.66	184	219877	29.91	ng		99
77) Pyrene	12.76	202	371229	27.75	ng		99
79) Butylbenzylphthalate	13.39	149	175202	27.38	ng		95
80) Benzo(a)anthracene	13.95	228	310988	26.45	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	118418	26.90	ng	#	95
82) Chrysene	13.99	228	322191	28.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	238792	27.23	ng		99
84) Di-n-octyl phthalate	14.56	149	411698	26.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	304990	27.87	ng		100
87) Benzo(b)fluoranthene	14.97	252	355759m	27.87	ng		
88) Benzo(k)fluoranthene	14.99	252	245068m	22.64	ng		
89) Benzo(a)pyrene	15.30	252	273435	24.86	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	252220	26.60	ng		97
91) Benzo(g,h,i)perylene	17.13	276	241085	26.23	ng		94

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

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