Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097592.D
Acq On : 11 Aug 2017 13:02
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
8/14/2017 6:38:17 PM

Quant Time: Aug 11 15:20:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 14:33:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	109455	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	468524	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	198653	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	342058	20.00	ng		0.00
75) Chrysene-d12	18.46	240	212022	20.00	ng		0.00
86) Perylene-d12	20.12	264	181220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	384495	55.97	ng		0.00
7) Phenol-d6	7.05	99	447983	54.48	ng		-0.01
23) Nitrobenzene-d5	8.42	82	396686	52.58	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	80868	46.01	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	686963	48.12	ng		0.00
78) Terphenyl-d14	17.12	244	589282	68.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	81427	24.918	ng	#	74
3) Pyridine	2.42	79	243936	31.762	ng	#	63
4) n-Nitrosodimethylamine	2.38	42	143668	49.205	ng	#	76
6) Aniline	7.00	93	317752	29.535	ng		100
8) 2-Chlorophenol	7.19	128	207508	28.412	ng		92
9) Benzaldehyde	6.82	77	152016	27.405	ng		98
10) Phenol	7.07	94	261067	30.604	ng		97
11) bis(2-Chloroethyl)ether	7.15	93	199201	29.478	ng		93
12) 1,3-Dichlorobenzene	7.40	146	228204	27.605	ng		99
13) 1,4-Dichlorobenzene	7.53	146	233589	27.863	ng		94
14) 1,2-Dichlorobenzene	7.76	146	225060	29.121	ng		98
15) Benzyl Alcohol	7.80	79	164154	29.083	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	440430	46.388	ng		91
17) 2-Methylphenol	8.02	107	160938	26.257	ng	#	90
18) Hexachloroethane	8.29	117	82412	29.764	ng	#	81
19) n-Nitroso-di-n-propylamine	8.22	70	157080	30.142	ng	#	81
20) 3+4-Methylphenols	8.27	107	206057	26.484	ng	#	59
22) Acetophenone	8.19	105	286349	26.112	ng	#	96
24) Nitrobenzene	8.45	77	214695	26.641	ng		96
25) Isophorone	8.85	82	350899	24.911	ng		98
26) 2-Nitrophenol	8.96	139	109964	26.058	ng	#	85
27) 2,4-Dimethylphenol	9.10	122	182620	27.885	ng		98
28) bis(2-Chloroethoxy)methane	9.23	93	259754	27.974	ng		98
29) 2,4-Dichlorophenol	9.39	162	155942	24.725	ng		95
30) 1,2,4-Trichlorobenzene	9.47	180	162792	24.805	ng		97
31) Naphthalene	9.57	128	611421	26.003	ng		99
32) Benzoic acid	9.41	122	83421	22.076	ng		96
33) 4-Chloroaniline	9.71	127	242839	26.423	ng		98
34) Hexachlorobutadiene	9.79	225	89106	26.277	ng		96
35) Caprolactam	10.32	113	46847	24.962	ng	#	43
36) 4-Chloro-3-methylphenol	10.57	107	191156	28.953	ng		90
37) 2-Methylnaphthalene	10.70	142	409609	25.782	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	150102	25.247	ng		99
40) Hexachlorocyclopentadiene	10.96	237	11204	8.175	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	97234	25.437	ng		98
43) 2,4,5-Trichlorophenol	11.29	196	93982	23.114	ng		97
45) 1,1'-Biphenyl	11.47	154	455830	27.841	ng		97
46) 2-Chloronaphthalene	11.48	162	345327	26.994	ng	#	92
47) 2-Nitroaniline	11.69	65	136137	36.366	ng		95
48) Acenaphthylene	12.13	152	541881	24.772	ng		99
49) Dimethylphthalate	12.02	163	388313	25.745	ng		98
50) 2,6-Dinitrotoluene	12.10	165	83201	25.290	ng	#	72
51) Acenaphthene	12.42	154	320508	25.369	ng		99
52) 3-Nitroaniline	12.37	138	106100	27.680	ng		98
53) 2,4-Dinitrophenol	12.61	184	36022m	22.669	ng		
54) Dibenzofuran	12.70	168	447950	25.192	ng		98
55) 4-Nitrophenol	12.79	139	37525	18.817	ng	#	56
56) 2,4-Dinitrotoluene	12.77	165	110414	24.847	ng	#	77
57) Fluorene	13.26	166	361304	23.349	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	65114	23.406	ng	#	96
59) Diethylphthalate	13.16	149	367003	25.283	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	160508	23.853	ng		98
61) 4-Nitroaniline	13.36	138	103300	28.864	ng		94
62) Azobenzene	13.54	77	364774	27.728	ng		93
64) 4,6-Dinitro-2-methylphenol	13.44	198	50225	22.338	ng		93
65) n-Nitrosodiphenylamine	13.49	169	321820	26.183	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	91949	25.865	ng		95
67) Hexachlorobenzene	14.15	284	99027	28.269	ng	#	88
68) Atrazine	14.41	200	82560	24.135	ng		93
69) Pentachlorophenol	14.52	266	14620m	12.740	ng		
70) Phenanthrene	14.80	178	512280	25.956	ng		99
71) Anthracene	14.89	178	527210	25.587	ng		99
72) Carbazole	15.17	167	497425	24.773	ng		98
73) Di-n-butylphthalate	15.76	149	576679	26.995	ng		99
74) Fluoranthene	16.56	202	487818	24.972	ng		98
76) Benzidine	16.78	184	233147	28.632	ng		95
77) Pyrene	16.86	202	526451	33.277	ng		100
79) Butylbenzylphthalate	17.78	149	217342	31.457	ng	#	76
80) Benzo(a)anthracene	18.44	228	311537	25.273	ng		100
81) 3,3'-Dichlorobenzidine	18.43	252	113683	25.939	ng	#	97
82) Chrysene	18.49	228	313102	25.416	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	255004	26.165	ng	#	99
84) Di-n-octyl phthalate	19.30	149	424125	26.409	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.34	276	211404	20.057	ng		99
87) Benzo(b)fluoranthene	19.72	252	283422	24.977	ng		97
88) Benzo(k)fluoranthene	19.75	252	277884	25.620	ng	#	93
89) Benzo(a)pyrene	20.07	252	257566	24.696	ng		98
90) Dibenzo(a,h)anthracene	21.34	278	184783	20.886	ng		96
91) Benzo(g,h,i)perylene	21.69	276	182855	20.273	ng		95

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

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