Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102705.D
Acq On : 3 Feb 2018 9:05
Operator : SJ/JU
Sample : SSTDICCC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
2/5/2018 11:05:01 AM

Quant Time: Feb 05 01:03:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 11:33:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	204533	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	869175	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	405054	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	731738	20.00	ng		0.00
75) Chrysene-d12	14.03	240	610431	20.00	ng		0.00
86) Perylene-d12	15.50	264	594951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	69693	4.81	ng		-0.01
7) Phenol-d6	6.48	99	87391	5.06	ng		-0.02
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
41) 2,4,6-Tribromophenol	10.70	330	12512	3.54	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.97	244	152177	5.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	16222	2.244	ng	#	84
3) Pyridine	3.50	79	41123m	2.083	ng		
4) n-Nitrosodimethylamine	3.40	42	17762m	2.149	ng		
6) Aniline	6.53	93	62128	2.551	ng		98
8) 2-Chlorophenol	6.65	128	35933	2.474	ng		95
9) Benzaldehyde	6.42	77	31447	2.621	ng		94
10) Phenol	6.49	94	45661	2.338	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	38373	2.581	ng		91
12) 1,3-Dichlorobenzene	6.82	146	44053	2.631	ng		98
13) 1,4-Dichlorobenzene	6.89	146	43795	2.621	ng		97
14) 1,2-Dichlorobenzene	7.05	146	42456	2.745	ng		96
15) Benzyl Alcohol	7.00	79	30902	2.445	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	69799	2.547	ng		96
17) 2-Methylphenol	7.11	107	32481	2.479	ng		99
18) Hexachloroethane	7.39	117	13500	2.294	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	28047	2.477	ng	#	91
20) 3+4-Methylphenols	7.26	107	41772	2.655	ng		94
22) Acetophenone	7.27	105	62429	2.981	ng	#	95
24) Nitrobenzene	7.45	77	21667	1.363	ng		93
25) Isophorone	7.69	82	74311	2.543	ng		97
27) 2,4-Dimethylphenol	7.80	122	29821	2.400	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	44650	2.530	ng		97
29) 2,4-Dichlorophenol	8.00	162	23818	2.019	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	33818	2.741	ng		98
31) Naphthalene	8.18	128	121866	2.806	ng		98
33) 4-Chloroaniline	8.22	127	49133	2.651	ng		98
34) Hexachlorobutadiene	8.30	225	17506	2.680	ng		97
35) Caprolactam	8.55	113	7252	1.791	ng	#	67
36) 4-Chloro-3-methylphenol	8.69	107	29106	2.254	ng		95
37) 2-Methylnaphthalene	8.87	142	78877	2.759	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	31531	2.752	ng		99
40) Hexachlorocyclopentadiene	9.02	237	9979	1.592	ng		94
42) 2,4,6-Trichlorophenol	9.14	196	14672	1.858	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	16043	1.798	ng		94

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.33	154	100556	2.809	ng		97
46) 2-Chloronaphthalene	9.36	162	75437	2.717	ng		95
47) 2-Nitroaniline	9.45	65	6451	0.776	ng	#	69
48) Acenaphthylene	9.77	152	117661	2.670	ng		98
49) Dimethylphthalate	9.62	163	85704	2.638	ng		99
51) Acenaphthene	9.95	154	71574	2.676	ng		99
54) Dibenzofuran	10.12	168	102814	2.801	ng		99
56) 2,4-Dinitrotoluene	10.09	165	4527	0.556	ng	#	62
58) 2,3,4,6-Tetrachlorophenol	10.23	232	11109	1.748	ng	#	97
59) Diethylphthalate	10.32	149	86252	2.668	ng		98
62) Azobenzene	10.61	77	88013	2.737	ng		97
65) n-Nitrosodiphenylamine	10.56	169	72100	2.631	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	21119	2.733	ng		96
67) Hexachlorobenzene	11.00	284	23776	2.818	ng		93
68) Atrazine	11.09	200	18977	2.396	ng		98
70) Phenanthrene	11.42	178	120443	2.818	ng		98
71) Anthracene	11.47	178	120540	2.781	ng		96
72) Carbazole	11.62	167	118851	2.789	ng		100
73) Di-n-butylphthalate	11.96	149	127761	2.444	ng		98
74) Fluoranthene	12.60	202	120058	2.855	ng		98
76) Benzidine	12.73	184	57933	1.965	ng		96
77) Pyrene	12.83	202	124706	2.311	ng		97
79) Butylbenzylphthalate	13.46	149	31905	1.288	ng		95
80) Benzo(a)anthracene	14.02	228	105184	2.701	ng		97
81) 3,3'-Dichlorobenzidine	13.99	252	30190	2.093	ng		98
82) Chrysene	14.06	228	107545	2.648	ng		96
83) Bis(2-ethylhexyl)phthalate	14.01	149	65831	2.317	ng	#	99
84) Di-n-octyl phthalate	14.62	149	80587	1.710	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.97	276	88722	3.002	ng		99
87) Benzo(b)fluoranthene	15.07	252	92492	2.384	ng		100
88) Benzo(k)fluoranthene	15.10	252	98514	2.632	ng		96
89) Benzo(a)pyrene	15.44	252	86393	2.475	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	73420	2.636	ng		97
91) Benzo(g,h,i)perylene	17.42	276	71550	2.550	ng		99

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

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