Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102499.D
Acq On : 27 Jan 2018 10:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/29/2018 5:44:20 PM

Quant Time: Jan 27 21:03:22 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160973	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	665211	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	300836	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	521614	20.00	ng		0.00
75) Chrysene-d12	13.88	240	377550	20.00	ng		0.00
86) Perylene-d12	15.30	264	329957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	831321	78.30	ng		0.00
7) Phenol-d6	6.36	99	1006650	78.65	ng		0.00
23) Nitrobenzene-d5	7.29	82	913401	78.91	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	202297	67.87	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1537057	75.12	ng		0.00
78) Terphenyl-d14	12.82	244	1284946	76.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	198102	39.273	ng		97
3) Pyridine	3.07	79	525146	39.838	ng		96
4) n-Nitrosodimethylamine	3.04	42	211299	40.887	ng		99
6) Aniline	6.38	93	654709	38.674	ng	#	56
8) 2-Chlorophenol	6.50	128	441027	39.629	ng		98
9) Benzaldehyde	6.27	77	279782	39.079	ng		96
10) Phenol	6.37	94	526477	37.678	ng	#	59
11) bis(2-Chloroethyl)ether	6.46	93	421014	39.615	ng		97
12) 1,3-Dichlorobenzene	6.66	146	506144	38.241	ng		99
13) 1,4-Dichlorobenzene	6.73	146	512099	38.625	ng		99
14) 1,2-Dichlorobenzene	6.89	146	470446	38.792	ng		99
15) Benzyl Alcohol	6.87	79	342815	37.961	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	680371	38.171	ng		83
17) 2-Methylphenol	6.98	107	373640	38.658	ng		97
18) Hexachloroethane	7.22	117	178394	38.613	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	298641	38.128	ng		96
20) 3+4-Methylphenols	7.14	107	460670	40.526	ng	#	86
22) Acetophenone	7.13	105	600941	37.896	ng	#	90
24) Nitrobenzene	7.30	77	472568	39.892	ng		99
25) Isophorone	7.55	82	814204	39.455	ng		99
26) 2-Nitrophenol	7.62	139	252048	40.427	ng		93
27) 2,4-Dimethylphenol	7.66	122	349946	38.655	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	499602	39.191	ng		99
29) 2,4-Dichlorophenol	7.86	162	357733	38.792	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	373395	37.773	ng		98
31) Naphthalene	8.02	128	1268523	38.194	ng		100
32) Benzoic acid	7.81	122	253707m	33.449	ng		
33) 4-Chloroaniline	8.07	127	539759	38.647	ng		99
34) Hexachlorobutadiene	8.13	225	201968	38.254	ng		98
35) Caprolactam	8.46	113	119648	39.286	ng		90
36) 4-Chloro-3-methylphenol	8.57	107	382203	39.319	ng		98
37) 2-Methylnaphthalene	8.72	142	834265	37.717	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	343783	37.983	ng		100
40) Hexachlorocyclopentadiene	8.86	237	131313	32.419	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	223775	36.933	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	256123	37.544	ng		97
45) 1,1'-Biphenyl	9.18	154	1004008	37.324	ng		98
46) 2-Chloronaphthalene	9.20	162	782999	37.448	ng		99
47) 2-Nitroaniline	9.30	65	264778	40.619	ng		94
48) Acenaphthylene	9.62	152	1223235	37.552	ng		99
49) Dimethylphthalate	9.48	163	932405	37.497	ng		100
50) 2,6-Dinitrotoluene	9.55	165	202132	37.703	ng		92
51) Acenaphthene	9.79	154	715260	37.597	ng		99
52) 3-Nitroaniline	9.72	138	250928	39.565	ng		91
53) 2,4-Dinitrophenol	9.83	184	77025	34.238	ng	#	22
54) Dibenzofuran	9.96	168	979633	38.048	ng		99
55) 4-Nitrophenol	9.89	139	139472	33.315	ng		94
56) 2,4-Dinitrotoluene	9.96	165	245934	37.304	ng	#	92
57) Fluorene	10.30	166	799192	39.172	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	173492	35.618	ng		99
59) Diethylphthalate	10.17	149	885419	36.643	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	347058	39.236	ng		97
61) 4-Nitroaniline	10.33	138	251480	39.737	ng		90
62) Azobenzene	10.46	77	846266	38.252	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	129229	37.135	ng		89
65) n-Nitrosodiphenylamine	10.42	169	722294	37.727	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	211706	37.703	ng		99
67) Hexachlorobenzene	10.85	284	221692	35.302	ng		95
68) Atrazine	10.95	200	212055	37.502	ng		98
69) Pentachlorophenol	11.05	266	110390m	33.462	ng		
70) Phenanthrene	11.26	178	1126474	37.060	ng		99
71) Anthracene	11.32	178	1165786	37.576	ng		100
72) Carbazole	11.47	167	1151345	38.040	ng		99
73) Di-n-butylphthalate	11.80	149	1387760	36.681	ng		99
74) Fluoranthene	12.45	202	1134210	36.592	ng		99
76) Benzidine	12.57	184	481702	37.979	ng		99
77) Pyrene	12.68	202	1171428	40.130	ng		100
79) Butylbenzylphthalate	13.30	149	583823	40.189	ng		95
80) Benzo(a)anthracene	13.87	228	931693	40.082	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	338400	39.686	ng		97
82) Chrysene	13.91	228	921907	39.056	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	775896	39.744	ng		99
84) Di-n-octyl phthalate	14.46	149	1185342	37.335	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	698620	35.837	ng		98
87) Benzo(b)fluoranthene	14.90	252	856886	40.067	ng		97
88) Benzo(k)fluoranthene	14.93	252	729284	36.094	ng		99
89) Benzo(a)pyrene	15.25	252	742639	38.503	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	570624	36.522	ng		97
91) Benzo(g,h,i)perylene	17.13	276	583563	37.827	ng		99

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