Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105170.D
Acq On : 9 May 2018 2:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:36 PM

Quant Time: May 09 11:57:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217829	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	848436	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	416300	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	809338	20.00	ng		0.00
75) Chrysene-d12	14.02	240	630384	20.00	ng		0.00
86) Perylene-d12	15.56	264	584279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	936045	70.79	ng		0.00
7) Phenol-d6	6.42	99	1144778	72.71	ng		0.00
23) Nitrobenzene-d5	7.36	82	1004037	80.20	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	361370	78.68	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1821505	67.91	ng		0.00
78) Terphenyl-d14	12.91	244	1840382	67.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	235299	33.658	ng		89
3) Pyridine	3.24	79	646349	34.475	ng		86
4) n-Nitrosodimethylamine	3.20	42	325865	34.292	ng		89
6) Aniline	6.46	93	792274	34.456	ng		96
8) 2-Chlorophenol	6.57	128	511617	36.476	ng		94
9) Benzaldehyde	6.35	77	411334	34.086	ng		100
10) Phenol	6.43	94	626249	35.743	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	493440	34.171	ng		93
12) 1,3-Dichlorobenzene	6.73	146	583590	34.518	ng		98
13) 1,4-Dichlorobenzene	6.81	146	585580	34.638	ng		99
14) 1,2-Dichlorobenzene	6.96	146	536774	34.420	ng		100
15) Benzyl Alcohol	6.93	79	444998	36.930	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	884591	32.964	ng		98
17) 2-Methylphenol	7.04	107	431635	35.641	ng		97
18) Hexachloroethane	7.30	117	200341	36.826	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	361276	34.658	ng		92
20) 3+4-Methylphenols	7.20	107	513099	36.053	ng	#	86
22) Acetophenone	7.20	105	671907	33.975	ng	#	90
24) Nitrobenzene	7.38	77	540534	38.081	ng		99
25) Isophorone	7.62	82	976314	34.872	ng		99
26) 2-Nitrophenol	7.69	139	252465	45.190	ng		97
27) 2,4-Dimethylphenol	7.73	122	466035	37.458	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	607181	35.141	ng		99
29) 2,4-Dichlorophenol	7.93	162	430484	36.984	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	472874	35.226	ng		98
31) Naphthalene	8.10	128	1414624	34.628	ng		99
32) Benzoic acid	7.84	122	306721	43.653	ng		93
33) 4-Chloroaniline	8.15	127	597307	35.161	ng		97
34) Hexachlorobutadiene	8.22	225	274843	35.342	ng		99
35) Caprolactam	8.52	113	134931m	38.171	ng		
36) 4-Chloro-3-methylphenol	8.62	107	437360	36.090	ng		95
37) 2-Methylnaphthalene	8.79	142	990568	34.788	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	466054	35.181	ng		98
40) Hexachlorocyclopentadiene	8.94	237	297363	41.513	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	301053	37.248	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	323743	38.334	ng		92
45) 1,1'-Biphenyl	9.25	154	1179194	34.765	ng		99
46) 2-Chloronaphthalene	9.27	162	890370	35.122	ng		99
47) 2-Nitroaniline	9.37	65	294202	41.224	ng		95
48) Acenaphthylene	9.69	152	1383323	35.331	ng		98
49) Dimethylphthalate	9.56	163	1017857	36.116	ng		98
50) 2,6-Dinitrotoluene	9.62	165	243763	39.862	ng		96
51) Acenaphthene	9.86	154	909885	36.059	ng		99
52) 3-Nitroaniline	9.79	138	258811	40.180	ng		98
53) 2,4-Dinitrophenol	9.89	184	113621	53.588	ng	#	18
54) Dibenzofuran	10.03	168	1282606	34.749	ng		99
55) 4-Nitrophenol	9.93	139	212517	38.990	ng		97
56) 2,4-Dinitrotoluene	10.02	165	320772	40.095	ng		96
57) Fluorene	10.38	166	919850	33.981	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	287159	38.093	ng	#	88
59) Diethylphthalate	10.26	149	1028518	37.134	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	449939	35.706	ng		90
61) 4-Nitroaniline	10.40	138	257678	40.202	ng		99
62) Azobenzene	10.53	77	1006622	34.840	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	155732	50.058	ng		89
65) n-Nitrosodiphenylamine	10.49	169	872101	34.568	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	308347	35.722	ng	#	87
67) Hexachlorobenzene	10.92	284	352330	35.425	ng	#	88
68) Atrazine	11.02	200	285838	36.149	ng		96
69) Pentachlorophenol	11.12	266	216608	38.627	ng		99
70) Phenanthrene	11.34	178	1443808	33.837	ng		99
71) Anthracene	11.39	178	1499814	34.594	ng		100
72) Carbazole	11.54	167	1360611	34.827	ng		99
73) Di-n-butylphthalate	11.88	149	1548412	37.056	ng		99
74) Fluoranthene	12.53	202	1584629	35.641	ng		98
76) Benzidine	12.66	184	820299	34.847	ng		96
77) Pyrene	12.76	202	1598010	34.852	ng		99
79) Butylbenzylphthalate	13.40	149	643889	40.171	ng		94
80) Benzo(a)anthracene	14.00	228	1311167	34.296	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	529657	36.851	ng	#	96
82) Chrysene	14.04	228	1364817	34.664	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	778813	41.084	ng		99
84) Di-n-octyl phthalate	14.69	149	1401629	39.551	ng		98
85) Indeno(1,2,3-cd)pyrene	17.01	276	1094950	35.093	ng		94
87) Benzo(b)fluoranthene	15.14	252	1291598	36.133	ng		97
88) Benzo(k)fluoranthene	15.17	252	1251344	36.102	ng	#	97
89) Benzo(a)pyrene	15.50	252	1201154	36.947	ng	#	97
90) Dibenzo(a,h)anthracene	17.03	278	909973	36.038	ng		96
91) Benzo(g,h,i)perylene	17.45	276	888411	35.964	ng	#	93

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

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