Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104071.D
Acq On : 30 Mar 2018 1:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/30/2018 6:02:57 PM

Quant Time: Mar 30 09:22:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98002	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	403152	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	175558	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	263662	20.00	ng		0.00
75) Chrysene-d12	14.16	240	188273	20.00	ng		0.00
86) Perylene-d12	15.70	264	208005	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	438937	71.43	ng		0.00
7) Phenol-d6	6.60	99	573439	75.85	ng		0.00
23) Nitrobenzene-d5	7.53	82	523533	79.42	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	128568	65.77	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	993766	89.26	ng		0.00
78) Terphenyl-d14	13.08	244	653338	80.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	92140	34.764	ng	#	90
3) Pyridine	3.60	79	226305m	33.728	ng		
4) n-Nitrosodimethylamine	3.57	42	65087m	32.635	ng		
6) Aniline	6.64	93	335520	37.070	ng		92
8) 2-Chlorophenol	6.76	128	274579	40.732	ng		94
9) Benzaldehyde	6.53	77	196094	59.801	ng		96
10) Phenol	6.62	94	298035	35.577	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	310221	42.974	ng		89
12) 1,3-Dichlorobenzene	6.91	146	284613	37.560	ng		97
13) 1,4-Dichlorobenzene	6.99	146	331377	40.813	ng		99
14) 1,2-Dichlorobenzene	7.13	146	293533	40.222	ng		98
15) Benzyl Alcohol	7.11	79	167752	34.125	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	305978	38.907	ng		65
17) 2-Methylphenol	7.22	107	216737	39.503	ng		95
18) Hexachloroethane	7.47	117	94269	34.677	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	177545	39.570	ng		91
20) 3+4-Methylphenols	7.37	107	267909	38.261	ng	#	84
22) Acetophenone	7.37	105	393145	40.305	ng	#	98
24) Nitrobenzene	7.56	77	272193	39.243	ng		95
25) Isophorone	7.78	82	463751	38.172	ng		99
26) 2-Nitrophenol	7.87	139	129984	35.901	ng		95
27) 2,4-Dimethylphenol	7.90	122	202002	38.685	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	290227	38.116	ng		100
29) 2,4-Dichlorophenol	8.11	162	212029	38.876	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	246259	39.795	ng		98
31) Naphthalene	8.27	128	818969	41.582	ng		99
32) Benzoic acid	8.02	122	109254m	28.561	ng		
33) 4-Chloroaniline	8.33	127	309366	37.258	ng		97
34) Hexachlorobutadiene	8.37	225	133982	39.787	ng		99
35) Caprolactam	8.69	113	58226	33.669	ng	#	78
36) 4-Chloro-3-methylphenol	8.80	107	218553	37.885	ng		98
37) 2-Methylnaphthalene	8.96	142	487134	37.549	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	225171	41.826	ng		98
40) Hexachlorocyclopentadiene	9.10	237	29342	16.186	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	127160	37.302	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	161078	39.134	ng		97
45) 1,1'-Biphenyl	9.42	154	625678	41.524	ng		98
46) 2-Chloronaphthalene	9.45	162	479254	40.323	ng		98
47) 2-Nitroaniline	9.56	65	131935	38.929	ng		95
48) Acenaphthylene	9.87	152	707266	39.279	ng		100
49) Dimethylphthalate	9.72	163	554536	40.007	ng		99
50) 2,6-Dinitrotoluene	9.79	165	110211	36.958	ng		90
51) Acenaphthene	10.04	154	412460	39.597	ng		99
52) 3-Nitroaniline	9.97	138	131152	38.259	ng		99
53) 2,4-Dinitrophenol	10.10	184	9167	12.123	ng	#	76
54) Dibenzofuran	10.22	168	579457	38.094	ng		99
55) 4-Nitrophenol	10.15	139	52089	25.342	ng		96
56) 2,4-Dinitrotoluene	10.20	165	135746	35.674	ng	#	95
57) Fluorene	10.56	166	462810	36.885	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	110794	35.928	ng	#	86
59) Diethylphthalate	10.42	149	522010	39.312	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	226750	39.346	ng		94
61) 4-Nitroaniline	10.60	138	108824	33.928	ng		93
62) Azobenzene	10.70	77	437776	36.460	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	22613	14.168	ng		91
65) n-Nitrosodiphenylamine	10.67	169	409960	45.911	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	129484	45.903	ng	#	88
67) Hexachlorobenzene	11.10	284	132719	40.902	ng	#	90
68) Atrazine	11.19	200	107511	39.301	ng		98
69) Pentachlorophenol	11.30	266	57298m	32.090	ng		
70) Phenanthrene	11.53	178	545541	38.217	ng		97
71) Anthracene	11.58	178	596337	39.994	ng		100
72) Carbazole	11.74	167	526772	37.015	ng		99
73) Di-n-butylphthalate	12.04	149	717779	42.343	ng		98
74) Fluoranthene	12.72	202	498520	32.854	ng		97
76) Benzidine	12.85	184	223725	41.698	ng		98
77) Pyrene	12.95	202	496334	36.673	ng		98
79) Butylbenzylphthalate	13.55	149	224827	35.260	ng		93
80) Benzo(a)anthracene	14.14	228	443680	37.662	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	164124	42.089	ng		98
82) Chrysene	14.19	228	461852	40.027	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	302264	36.689	ng		100
84) Di-n-octyl phthalate	14.73	149	507219	35.791	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	502724	42.045	ng		96
87) Benzo(b)fluoranthene	15.24	252	455086	35.950	ng		98
88) Benzo(k)fluoranthene	15.27	252	497197	41.694	ng		100
89) Benzo(a)pyrene	15.63	252	450666	38.417	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	432314	39.859	ng		98
91) Benzo(g,h,i)perylene	17.77	276	397135	36.556	ng		96

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

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