Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104359.D
Acq On : 9 Apr 2018 9:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2018 12:00:02 PM

Quant Time: Apr 10 01:18:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150678	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	617509	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	289601	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	518433	20.00	ng		0.00
75) Chrysene-d12	13.98	240	411353	20.00	ng		0.00
86) Perylene-d12	15.44	264	375221	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	740992	75.19	ng		0.00
7) Phenol-d6	6.43	99	921752	76.13	ng		0.00
23) Nitrobenzene-d5	7.37	82	803422	84.96	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	237579	79.08	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1367613	74.60	ng		0.00
78) Terphenyl-d14	12.92	244	1328157	73.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	178121	38.792	ng	#	89
3) Pyridine	3.26	79	492098	38.118	ng		89
4) n-Nitrosodimethylamine	3.22	42	166154	36.818	ng	#	78
6) Aniline	6.47	93	655154	38.947	ng		98
8) 2-Chlorophenol	6.59	128	401698	38.621	ng		97
9) Benzaldehyde	6.36	77	237148	38.124	ng		96
10) Phenol	6.45	94	477249m	37.149	ng		
11) bis(2-Chloroethyl)ether	6.55	93	395865	38.614	ng		95
12) 1,3-Dichlorobenzene	6.75	146	449925	38.184	ng		99
13) 1,4-Dichlorobenzene	6.82	146	451486	38.438	ng		99
14) 1,2-Dichlorobenzene	6.97	146	414715	38.101	ng		99
15) Benzyl Alcohol	6.95	79	346802	37.712	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	520229	37.786	ng		93
17) 2-Methylphenol	7.06	107	352781	39.020	ng		98
18) Hexachloroethane	7.32	117	163832	39.121	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	285464	36.080	ng		90
20) 3+4-Methylphenols	7.21	107	423723	37.788	ng	#	87
22) Acetophenone	7.22	105	562377	36.992	ng	#	94
24) Nitrobenzene	7.39	77	425257	40.730	ng		98
25) Isophorone	7.63	82	746349	37.322	ng		99
26) 2-Nitrophenol	7.70	139	210997	49.640	ng		97
27) 2,4-Dimethylphenol	7.74	122	327648	37.125	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	465743	38.092	ng		99
29) 2,4-Dichlorophenol	7.95	162	328633	39.026	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	355902	38.511	ng		97
31) Naphthalene	8.11	128	1168821	38.012	ng		99
32) Benzoic acid	7.87	122	330114	46.879	ng		100
33) 4-Chloroaniline	8.16	127	508668	38.614	ng		97
34) Hexachlorobutadiene	8.23	225	194570	38.437	ng		99
35) Caprolactam	8.55	113	111349	37.904	ng	#	74
36) 4-Chloro-3-methylphenol	8.64	107	347148	38.446	ng		96
37) 2-Methylnaphthalene	8.80	142	750720	37.744	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320727	38.688	ng		100
40) Hexachlorocyclopentadiene	8.95	237	186866	40.264	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	226035	39.277	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	254124	39.461	ng		97
45) 1,1'-Biphenyl	9.27	154	914093	37.573	ng		99
46) 2-Chloronaphthalene	9.29	162	725897	37.775	ng		99
47) 2-Nitroaniline	9.39	65	222130	46.742	ng		98
48) Acenaphthylene	9.71	152	1126420	37.361	ng		99
49) Dimethylphthalate	9.57	163	864035	37.834	ng		100
50) 2,6-Dinitrotoluene	9.63	165	189244	44.783	ng		95
51) Acenaphthene	9.88	154	709899	38.591	ng		100
52) 3-Nitroaniline	9.80	138	222426	44.960	ng		95
53) 2,4-Dinitrophenol	9.90	184	79777	54.369	ng	#	18
54) Dibenzofuran	10.05	168	959022	37.409	ng		97
55) 4-Nitrophenol	9.95	139	170505	43.875	ng		97
56) 2,4-Dinitrotoluene	10.03	165	248168	44.771	ng		97
57) Fluorene	10.40	166	714795	38.307	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	186664	38.853	ng		97
59) Diethylphthalate	10.27	149	839226	36.898	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	322290	38.783	ng		98
61) 4-Nitroaniline	10.42	138	217892	45.045	ng		98
62) Azobenzene	10.55	77	793287	36.507	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	126461	49.767	ng		91
65) n-Nitrosodiphenylamine	10.51	169	686091	38.168	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	213588	38.732	ng	#	89
67) Hexachlorobenzene	10.94	284	242772	39.126	ng		95
68) Atrazine	11.03	200	208507	38.429	ng		98
69) Pentachlorophenol	11.13	266	160144	41.718	ng		97
70) Phenanthrene	11.36	178	1078202	37.345	ng		99
71) Anthracene	11.41	178	1098720	37.438	ng		100
72) Carbazole	11.56	167	1068413	37.255	ng		99
73) Di-n-butylphthalate	11.90	149	1296223	37.001	ng		100
74) Fluoranthene	12.55	202	1127231	37.369	ng		100
76) Benzidine	12.67	184	587781	43.062	ng		98
77) Pyrene	12.77	202	1157038	37.947	ng		99
79) Butylbenzylphthalate	13.40	149	558487	38.879	ng		97
80) Benzo(a)anthracene	13.97	228	921047	37.480	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	361568	39.461	ng		98
82) Chrysene	14.00	228	961655	38.098	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	708282	38.334	ng		99
84) Di-n-octyl phthalate	14.58	149	1211213	39.232	ng		96
85) Indeno(1,2,3-cd)pyrene	16.88	276	844803	39.398	ng		98
87) Benzo(b)fluoranthene	15.02	252	959092	40.471	ng		97
88) Benzo(k)fluoranthene	15.05	252	801422	35.820	ng		98
89) Benzo(a)pyrene	15.38	252	812657	38.326	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	693641	39.830	ng		98
91) Benzo(g,h,i)perylene	17.32	276	684445	40.567	ng		97

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

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