Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
Data File : BF102487.D
Acq On : 26 Jan 2018 23:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/27/2018 1:47:30 PM

Quant Time: Jan 27 01:23:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 16:18:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149139	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	597974	20.00	ng		0.01
38) Acenaphthene-d10	9.76	164	232535	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	336103	20.00	ng		0.00
75) Chrysene-d12	13.89	240	251155	20.00	ng		0.01
86) Perylene-d12	15.32	264	174091	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	773885	78.68	ng		0.00
7) Phenol-d6	6.37	99	895515	75.52	ng		0.01
23) Nitrobenzene-d5	7.29	82	750219	72.10	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	111910	48.57	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1324278	83.74	ng		0.00
78) Terphenyl-d14	12.83	244	895535	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	180335	38.588	ng		97
3) Pyridine	3.05	79	494508	40.491	ng		96
4) n-Nitrosodimethylamine	3.02	42	192777	40.263	ng		98
6) Aniline	6.39	93	636676	40.593	ng	#	50
8) 2-Chlorophenol	6.51	128	393094	38.125	ng		99
9) Benzaldehyde	6.27	77	277621	43.509	ng		94
10) Phenol	6.39	94	477346	36.872	ng	#	51
11) bis(2-Chloroethyl)ether	6.46	93	398140	40.436	ng		97
12) 1,3-Dichlorobenzene	6.66	146	468920	38.240	ng		99
13) 1,4-Dichlorobenzene	6.74	146	469019	38.183	ng		99
14) 1,2-Dichlorobenzene	6.89	146	437359	38.926	ng		99
15) Benzyl Alcohol	6.87	79	299195	35.760	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	638105	38.640	ng		86
17) 2-Methylphenol	6.99	107	333757	37.272	ng	#	92
18) Hexachloroethane	7.23	117	88121	20.587	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	280895	38.707	ng		96
20) 3+4-Methylphenols	7.15	107	427848	40.625	ng		93
22) Acetophenone	7.13	105	574394	40.295	ng		97
24) Nitrobenzene	7.31	77	380165	35.701	ng		100
25) Isophorone	7.55	82	732263	39.474	ng		98
26) 2-Nitrophenol	7.63	139	40282	7.187	ng		90
27) 2,4-Dimethylphenol	7.67	122	318751	39.168	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	469248	40.949	ng		99
29) 2,4-Dichlorophenol	7.87	162	284717	34.346	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	333626	37.544	ng		98
31) Naphthalene	8.03	128	1139753	38.175	ng		99
32) Benzoic acid	7.83	122	48168	7.065	ng		90
33) 4-Chloroaniline	8.09	127	484958	38.627	ng		97
34) Hexachlorobutadiene	8.14	225	176652	37.221	ng		99
35) Caprolactam	8.46	113	94761	34.613	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	286580	32.797	ng		100
37) 2-Methylnaphthalene	8.72	142	730733	36.751	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	289693	41.408	ng		99
42) 2,4,6-Trichlorophenol	9.00	196	150644	32.166	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	165063	31.303	ng		96
45) 1,1'-Biphenyl	9.19	154	854200	41.082	ng		99
46) 2-Chloronaphthalene	9.21	162	650444	40.246	ng		98
47) 2-Nitroaniline	9.31	65	182804	36.280	ng		94
48) Acenaphthylene	9.62	152	965053	38.328	ng		99
49) Dimethylphthalate	9.48	163	783537	40.766	ng		99
50) 2,6-Dinitrotoluene	9.55	165	80151	19.342	ng		98
51) Acenaphthene	9.79	154	565004	38.422	ng		99
52) 3-Nitroaniline	9.73	138	193134	39.397	ng		92
54) Dibenzofuran	9.97	168	786058	39.497	ng		99
55) 4-Nitrophenol	9.91	139	48663	15.038	ng		95
56) 2,4-Dinitrotoluene	9.96	165	73418	14.407	ng	#	82
57) Fluorene	10.31	166	591880	37.532	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	104285	27.699	ng		99
59) Diethylphthalate	10.18	149	739605	39.598	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	275706	40.324	ng		96
61) 4-Nitroaniline	10.33	138	181137	37.029	ng		90
62) Azobenzene	10.46	77	623207	36.444	ng		96
65) n-Nitrosodiphenylamine	10.42	169	543988	44.097	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	154473	42.694	ng		91
67) Hexachlorobenzene	10.86	284	149467	36.938	ng		99
68) Atrazine	10.95	200	133906	36.752	ng		99
69) Pentachlorophenol	11.06	266	42068	19.790	ng		100
70) Phenanthrene	11.27	178	756358	38.618	ng		99
71) Anthracene	11.32	178	785381	39.287	ng		100
72) Carbazole	11.49	167	763549	39.151	ng		98
73) Di-n-butylphthalate	11.80	149	1033412	42.392	ng		99
74) Fluoranthene	12.46	202	758708	37.988	ng		98
76) Benzidine	12.59	184	400121	47.423	ng		99
77) Pyrene	12.69	202	784977	40.424	ng		99
79) Butylbenzylphthalate	13.30	149	411475	42.580	ng		99
80) Benzo(a)anthracene	13.88	228	630698	40.788	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	251090	44.266	ng		96
82) Chrysene	13.92	228	610585	38.885	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	577760	44.488	ng	#	98
84) Di-n-octyl phthalate	14.47	149	918909	43.509	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	401209	30.938	ng		97
87) Benzo(b)fluoranthene	14.91	252	493574m	43.742	ng		
88) Benzo(k)fluoranthene	14.94	252	423782	39.752	ng		99
89) Benzo(a)pyrene	15.26	252	402800	39.581	ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	330419	40.082	ng	#	93
91) Benzo(g,h,i)perylene	17.16	276	324780	39.901	ng		97

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

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