Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104044.D
Acq On : 29 Mar 2018 12:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/30/2018 6:00:40 PM

Quant Time: Mar 29 16:42:25 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	109189	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	471434	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	223421	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	419566	20.00	ng		0.00
75) Chrysene-d12	14.16	240	326588	20.00	ng		0.00
86) Perylene-d12	15.70	264	294084	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	506763	74.01	ng		0.00
7) Phenol-d6	6.60	99	637508	75.68	ng		0.00
23) Nitrobenzene-d5	7.53	82	594655	77.14	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	201227	80.89	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1152197	81.32	ng		0.00
78) Terphenyl-d14	13.09	244	1152687	81.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	108506	36.745	ng	#	84
3) Pyridine	3.62	79	257790m	34.484	ng		
4) n-Nitrosodimethylamine	3.59	42	74808m	33.666	ng		
6) Aniline	6.64	93	389277	38.603	ng		92
8) 2-Chlorophenol	6.76	128	295472	39.341	ng		95
9) Benzaldehyde	6.53	77	222530	62.582	ng		96
10) Phenol	6.62	94	336119	36.013	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	329336	40.948	ng		87
12) 1,3-Dichlorobenzene	6.91	146	318877	37.770	ng		98
13) 1,4-Dichlorobenzene	6.99	146	363389	40.170	ng		99
14) 1,2-Dichlorobenzene	7.13	146	325564	40.040	ng		100
15) Benzyl Alcohol	7.11	79	206538	37.711	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	338698	38.655	ng		55
17) 2-Methylphenol	7.22	107	241877	39.569	ng		95
18) Hexachloroethane	7.47	117	117883	38.921	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	198942	39.796	ng		93
20) 3+4-Methylphenols	7.37	107	323541	41.472	ng	#	52
22) Acetophenone	7.38	105	447932	39.271	ng	#	96
24) Nitrobenzene	7.55	77	300686	37.072	ng		98
25) Isophorone	7.78	82	532577	37.488	ng		99
26) 2-Nitrophenol	7.87	139	166294	39.278	ng		93
27) 2,4-Dimethylphenol	7.90	122	231034	37.837	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	336575	37.801	ng		100
29) 2,4-Dichlorophenol	8.11	162	246702	38.682	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	280391	38.748	ng		99
31) Naphthalene	8.27	128	951659	41.320	ng		100
32) Benzoic acid	8.03	122	145711	32.575	ng		92
33) 4-Chloroaniline	8.33	127	375893	38.713	ng		95
34) Hexachlorobutadiene	8.37	225	151867	38.566	ng		99
35) Caprolactam	8.70	113	72586	35.893	ng	#	79
36) 4-Chloro-3-methylphenol	8.80	107	261985	38.836	ng		99
37) 2-Methylnaphthalene	8.96	142	577050	38.037	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	267042	38.977	ng		98
40) Hexachlorocyclopentadiene	9.10	237	126382	41.937	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	157611	36.330	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	207478	39.609	ng		93
45) 1,1'-Biphenyl	9.42	154	741743	38.682	ng		98
46) 2-Chloronaphthalene	9.45	162	588330	38.896	ng		99
47) 2-Nitroaniline	9.56	65	166080	38.506	ng		97
48) Acenaphthylene	9.87	152	879723	38.390	ng		99
49) Dimethylphthalate	9.72	163	682551	38.694	ng		100
50) 2,6-Dinitrotoluene	9.79	165	149636	39.429	ng		94
51) Acenaphthene	10.04	154	492109	37.123	ng		99
52) 3-Nitroaniline	9.97	138	163956	37.583	ng		100
53) 2,4-Dinitrophenol	10.08	184	65396	42.295	ng	#	34
54) Dibenzofuran	10.22	168	750145	38.751	ng		100
55) 4-Nitrophenol	10.15	139	106856	40.850	ng		92
56) 2,4-Dinitrotoluene	10.20	165	190896	39.420	ng	#	93
57) Fluorene	10.56	166	619325	38.785	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	157107	40.032	ng	#	85
59) Diethylphthalate	10.42	149	655213	38.773	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	291359	39.727	ng		93
61) 4-Nitroaniline	10.60	138	159713	39.126	ng		94
62) Azobenzene	10.70	77	597730	39.117	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	94580	37.240	ng		78
65) n-Nitrosodiphenylamine	10.67	169	542200	38.158	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	172799	38.496	ng	#	88
67) Hexachlorobenzene	11.10	284	198316	38.408	ng		93
68) Atrazine	11.19	200	168403	38.686	ng		98
69) Pentachlorophenol	11.30	266	105504	37.132	ng		99
70) Phenanthrene	11.53	178	865100	38.084	ng		99
71) Anthracene	11.58	178	933492	39.342	ng		99
72) Carbazole	11.74	167	884842	39.073	ng		99
73) Di-n-butylphthalate	12.05	149	1046443	38.793	ng		99
74) Fluoranthene	12.72	202	925284	38.321	ng		97
76) Benzidine	12.85	184	370355	39.793	ng		100
77) Pyrene	12.95	202	936956	39.909	ng		99
79) Butylbenzylphthalate	13.55	149	442063	39.967	ng		97
80) Benzo(a)anthracene	14.14	228	780163	38.177	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	258941	38.282	ng	#	97
82) Chrysene	14.19	228	776736	38.807	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	558029	39.047	ng		99
84) Di-n-octyl phthalate	14.73	149	912480	37.118	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	667814	32.198	ng		96
87) Benzo(b)fluoranthene	15.24	252	670033	37.437	ng		98
88) Benzo(k)fluoranthene	15.27	252	705863	41.867	ng		97
89) Benzo(a)pyrene	15.63	252	633918	38.221	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	557373	36.348	ng		97
91) Benzo(g,h,i)perylene	17.77	276	546304	35.568	ng		96

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

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