Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
Data File : BF104976.D
Acq On : 1 May 2018 11:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/2/2018 4:21:15 PM

Quant Time: May 01 16:20:13 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 16:13:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118207	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	509640	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	237771	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	426243	20.00	ng		0.00
75) Chrysene-d12	13.97	240	306476	20.00	ng		0.00
86) Perylene-d12	15.43	264	243592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	583874	75.53	ng		0.00
7) Phenol-d6	6.43	99	741594	78.07	ng		0.00
23) Nitrobenzene-d5	7.36	82	676941	86.73	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	200672	81.36	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1199098	79.67	ng		0.00
78) Terphenyl-d14	12.91	244	1111154	82.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	126206	35.036	ng	#	85
3) Pyridine	3.23	79	353829	34.937	ng		85
4) n-Nitrosodimethylamine	3.21	42	117778	33.268	ng	#	78
6) Aniline	6.46	93	495373	37.538	ng		98
8) 2-Chlorophenol	6.58	128	333235	40.840	ng		91
9) Benzaldehyde	6.35	77	202302	43.254	ng		93
10) Phenol	6.45	94	408143	40.497	ng		79
11) bis(2-Chloroethyl)ether	6.53	93	325650	40.491	ng		94
12) 1,3-Dichlorobenzene	6.73	146	375894	40.664	ng		99
13) 1,4-Dichlorobenzene	6.80	146	378918	41.122	ng		99
14) 1,2-Dichlorobenzene	6.96	146	356687	41.771	ng		98
15) Benzyl Alcohol	6.94	79	266495	36.939	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	370546	34.307	ng		79
17) 2-Methylphenol	7.05	107	288818	40.720	ng		94
18) Hexachloroethane	7.30	117	135588	41.270	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	224123	36.109	ng		93
20) 3+4-Methylphenols	7.21	107	348196	39.583	ng	#	70
22) Acetophenone	7.20	105	473396	37.730	ng		97
24) Nitrobenzene	7.38	77	347635	40.343	ng		96
25) Isophorone	7.62	82	617605	37.421	ng		100
26) 2-Nitrophenol	7.69	139	192661	54.920	ng		96
27) 2,4-Dimethylphenol	7.73	122	266681	36.612	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	383548	38.009	ng		99
29) 2,4-Dichlorophenol	7.94	162	281340	40.481	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	312440	40.964	ng		98
31) Naphthalene	8.10	128	996086	39.251	ng		100
32) Benzoic acid	7.89	122	239103m	41.141	ng		
33) 4-Chloroaniline	8.15	127	430682	39.614	ng		97
34) Hexachlorobutadiene	8.20	225	176674	42.289	ng		99
35) Caprolactam	8.54	113	91574	37.770	ng	#	76
36) 4-Chloro-3-methylphenol	8.64	107	296026	39.723	ng		98
37) 2-Methylnaphthalene	8.79	142	648492	39.505	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	290372	42.662	ng		99
40) Hexachlorocyclopentadiene	8.93	237	170185	44.663	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	190975	40.419	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	217189	41.077	ng		97
45) 1,1'-Biphenyl	9.26	154	801612	40.132	ng		98
46) 2-Chloronaphthalene	9.28	162	636988	40.374	ng		99
47) 2-Nitroaniline	9.39	65	183039	46.912	ng		88
48) Acenaphthylene	9.70	152	942361	38.069	ng		99
49) Dimethylphthalate	9.56	163	758426	40.449	ng		99
50) 2,6-Dinitrotoluene	9.63	165	161761	46.624	ng		92
51) Acenaphthene	9.87	154	561947	37.207	ng		99
52) 3-Nitroaniline	9.80	138	185817	45.748	ng		100
53) 2,4-Dinitrophenol	9.91	184	64069	53.535	ng	#	20
54) Dibenzofuran	10.04	168	772389	36.697	ng		97
55) 4-Nitrophenol	9.97	139	130972	41.049	ng		92
56) 2,4-Dinitrotoluene	10.03	165	195576	42.974	ng	#	95
57) Fluorene	10.38	166	641708	41.886	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	155271	39.363	ng		92
59) Diethylphthalate	10.25	149	707310	37.877	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	293308	42.989	ng		98
61) 4-Nitroaniline	10.42	138	187823	47.293	ng		97
62) Azobenzene	10.53	77	626697	35.127	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	114507	54.064	ng		85
65) n-Nitrosodiphenylamine	10.49	169	579391	39.204	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	184926	40.788	ng		92
67) Hexachlorobenzene	10.93	284	210245	41.212	ng	#	86
68) Atrazine	11.02	200	168581	37.790	ng		99
69) Pentachlorophenol	11.13	266	126144	39.969	ng		96
70) Phenanthrene	11.35	178	901835	37.993	ng		99
71) Anthracene	11.40	178	930245	38.553	ng		100
72) Carbazole	11.56	167	889748	37.736	ng		100
73) Di-n-butylphthalate	11.87	149	1073406	37.268	ng		99
74) Fluoranthene	12.54	202	916668	36.961	ng		98
76) Benzidine	12.66	184	377059	34.995	ng		98
77) Pyrene	12.77	202	943234	41.521	ng		99
79) Butylbenzylphthalate	13.38	149	439379	41.054	ng		94
80) Benzo(a)anthracene	13.96	228	764270	41.742	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	256257	37.538	ng		96
82) Chrysene	14.00	228	722503	38.418	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	570399	41.436	ng		99
84) Di-n-octyl phthalate	14.55	149	848436	36.886	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.89	276	568793	35.604	ng		96
87) Benzo(b)fluoranthene	15.01	252	659160	42.845	ng		98
88) Benzo(k)fluoranthene	15.04	252	567971	39.104	ng		99
89) Benzo(a)pyrene	15.37	252	559365	40.635	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	469851	41.559	ng		97
91) Benzo(g,h,i)perylene	17.34	276	481740	43.981	ng		95

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

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