Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104751.D
Acq On : 24 Apr 2018 12:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/25/2018 4:22:34 PM

Quant Time: Apr 24 23:51:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122824	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	514098	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	238369	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	433172	20.00	ng		0.01
75) Chrysene-d12	13.99	240	323094	20.00	ng		0.00
86) Perylene-d12	15.46	264	262353	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	587013	73.08	ng		0.01
7) Phenol-d6	6.46	99	713393	72.28	ng		0.01
23) Nitrobenzene-d5	7.38	82	660347	83.87	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	189338	76.57	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	1130339	74.91	ng		0.00
78) Terphenyl-d14	12.93	244	1085825	76.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	134740	35.999	ng	#	88
3) Pyridine	3.26	79	371069	35.261	ng	#	86
4) n-Nitrosodimethylamine	3.23	42	119803	32.568	ng		81
6) Aniline	6.47	93	477915	34.854	ng	#	83
8) 2-Chlorophenol	6.60	128	321837	37.960	ng		96
9) Benzaldehyde	6.36	77	179261	34.237	ng		96
10) Phenol	6.47	94	387435	36.997	ng	#	72
11) bis(2-Chloroethyl)ether	6.55	93	308701	36.941	ng		96
12) 1,3-Dichlorobenzene	6.75	146	365740	38.078	ng		98
13) 1,4-Dichlorobenzene	6.83	146	368383	38.476	ng		98
14) 1,2-Dichlorobenzene	6.98	146	344022	38.773	ng		99
15) Benzyl Alcohol	6.96	79	267884	35.736	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	377934	33.676	ng		78
17) 2-Methylphenol	7.07	107	276916	37.575	ng	#	93
18) Hexachloroethane	7.32	117	134866	39.507	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	214440	33.250	ng		94
20) 3+4-Methylphenols	7.23	107	337918	36.970	ng	#	74
22) Acetophenone	7.22	105	456574	36.073	ng		99
24) Nitrobenzene	7.40	77	346377	39.848	ng		99
25) Isophorone	7.63	82	586553	35.231	ng		98
26) 2-Nitrophenol	7.72	139	184380	52.104	ng	#	89
27) 2,4-Dimethylphenol	7.75	122	259448	35.310	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	371237	36.470	ng		99
29) 2,4-Dichlorophenol	7.96	162	264515	37.730	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	293353	38.128	ng		99
31) Naphthalene	8.12	128	950655	37.136	ng		100
32) Benzoic acid	7.89	122	170730	29.122	ng		96
33) 4-Chloroaniline	8.17	127	417394	38.058	ng		99
34) Hexachlorobutadiene	8.23	225	163322	38.754	ng		99
35) Caprolactam	8.56	113	89649	36.656	ng	#	73
36) 4-Chloro-3-methylphenol	8.66	107	285907	38.033	ng		99
37) 2-Methylnaphthalene	8.81	142	616135	37.209	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	271320	39.763	ng		99
40) Hexachlorocyclopentadiene	8.96	237	163809	42.882	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	178787	37.745	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	203923	38.472	ng		96
45) 1,1'-Biphenyl	9.27	154	756649	37.786	ng		99
46) 2-Chloronaphthalene	9.30	162	599216	37.884	ng		98
47) 2-Nitroaniline	9.40	65	182088	46.552	ng		91
48) Acenaphthylene	9.72	152	908129	36.594	ng		99
49) Dimethylphthalate	9.57	163	711205	37.836	ng		99
50) 2,6-Dinitrotoluene	9.65	165	155931	44.831	ng		89
51) Acenaphthene	9.89	154	527659	34.849	ng		100
52) 3-Nitroaniline	9.82	138	182086	44.717	ng		99
53) 2,4-Dinitrophenol	9.93	184	58399	50.074	ng	#	18
54) Dibenzofuran	10.06	168	747348	35.418	ng		99
55) 4-Nitrophenol	9.99	139	121368	37.943	ng		95
56) 2,4-Dinitrotoluene	10.05	165	196060	42.973	ng		99
57) Fluorene	10.40	166	611952	39.844	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	140337	35.488	ng		94
59) Diethylphthalate	10.27	149	670029	35.791	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	280804	41.053	ng		98
61) 4-Nitroaniline	10.43	138	180116	45.239	ng		98
62) Azobenzene	10.56	77	620139	34.673	ng		92
64) 4,6-Dinitro-2-methylphenol	10.46	198	100822	47.823	ng		82
65) n-Nitrosodiphenylamine	10.52	169	546246	36.370	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	171661	37.256	ng		97
67) Hexachlorobenzene	10.95	284	196314	37.866	ng		94
68) Atrazine	11.04	200	163361	36.034	ng		99
69) Pentachlorophenol	11.15	266	122056	38.055	ng		95
70) Phenanthrene	11.37	178	869961	36.063	ng		99
71) Anthracene	11.42	178	886825	36.165	ng		100
72) Carbazole	11.58	167	856809	35.757	ng		100
73) Di-n-butylphthalate	11.90	149	1039757	35.522	ng		99
74) Fluoranthene	12.56	202	896078	35.553	ng		97
76) Benzidine	12.68	184	372579m	32.064	ng		
77) Pyrene	12.79	202	920651	38.442	ng		99
79) Butylbenzylphthalate	13.40	149	430995	38.200	ng		98
80) Benzo(a)anthracene	13.99	228	770579	39.922	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	268489	37.307	ng		97
82) Chrysene	14.02	228	727303	36.684	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	562156	38.737	ng		99
84) Di-n-octyl phthalate	14.58	149	823205	33.948	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.94	276	571859	33.954	ng		97
87) Benzo(b)fluoranthene	15.04	252	620483	37.447	ng		98
88) Benzo(k)fluoranthene	15.07	252	627673	40.124	ng		99
89) Benzo(a)pyrene	15.40	252	566387	38.203	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	474504	38.969	ng		98
91) Benzo(g,h,i)perylene	17.39	276	466105	39.511	ng		96

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

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