Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102714.D
Acq On : 3 Feb 2018 13:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/5/2018 11:05:11 AM

Quant Time: Feb 05 01:29:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	187779	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	803608	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	372375	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	651328	20.00	ng		0.00
75) Chrysene-d12	14.04	240	486862	20.00	ng		0.00
86) Perylene-d12	15.51	264	484565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	903251	73.05	ng		0.00
7) Phenol-d6	6.50	99	1083786	72.80	ng		0.00
23) Nitrobenzene-d5	7.45	82	931401	80.40	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	243327	81.19	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1661815	74.05	ng		0.00
78) Terphenyl-d14	12.99	244	1429459	69.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	224259	36.720	ng	#	85
3) Pyridine	3.42	79	636247	37.708	ng		86
4) n-Nitrosodimethylamine	3.37	42	263213	36.460	ng		94
6) Aniline	6.54	93	801252	36.443	ng		94
8) 2-Chlorophenol	6.66	128	475037	37.318	ng		99
9) Benzaldehyde	6.43	77	410638	37.141	ng		98
10) Phenol	6.51	94	567388m	35.561	ng		
11) bis(2-Chloroethyl)ether	6.61	93	487440	36.714	ng		89
12) 1,3-Dichlorobenzene	6.82	146	543258	36.853	ng		98
13) 1,4-Dichlorobenzene	6.90	146	542980	36.977	ng		99
14) 1,2-Dichlorobenzene	7.05	146	504831	36.911	ng		99
15) Benzyl Alcohol	7.02	79	433924	37.910	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	935694	37.101	ng		95
17) 2-Methylphenol	7.12	107	435907	37.124	ng		99
18) Hexachloroethane	7.39	117	192786	38.286	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	356791	36.348	ng		91
20) 3+4-Methylphenols	7.27	107	543716	37.550	ng		96
22) Acetophenone	7.29	105	704239	35.812	ng		94
24) Nitrobenzene	7.46	77	534619	39.225	ng		98
25) Isophorone	7.70	82	966855	36.246	ng		99
26) 2-Nitrophenol	7.77	139	218499	40.650	ng		98
27) 2,4-Dimethylphenol	7.80	122	424440	37.663	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	577776	36.564	ng		100
29) 2,4-Dichlorophenol	8.01	162	393391	38.400	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	425628	36.725	ng		96
31) Naphthalene	8.19	128	1426676	36.337	ng		100
32) Benzoic acid	7.92	122	306624	41.073	ng		97
33) 4-Chloroaniline	8.23	127	611952	36.180	ng		97
34) Hexachlorobutadiene	8.30	225	218769	36.837	ng		99
35) Caprolactam	8.60	113	139554	39.224	ng	#	77
36) 4-Chloro-3-methylphenol	8.70	107	429464	37.310	ng		98
37) 2-Methylnaphthalene	8.87	142	931270	36.228	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	369104	36.404	ng		98
40) Hexachlorocyclopentadiene	9.03	237	194992	40.455	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	267434	40.157	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	294669	39.257	ng		100
45) 1,1'-Biphenyl	9.34	154	1136568	36.238	ng		99
46) 2-Chloronaphthalene	9.36	162	893249	36.176	ng		99
47) 2-Nitroaniline	9.46	65	299923	39.988	ng		92
48) Acenaphthylene	9.78	152	1398444	36.464	ng		99
49) Dimethylphthalate	9.64	163	1075986	37.058	ng		100
50) 2,6-Dinitrotoluene	9.70	165	227251	41.139	ng		96
51) Acenaphthene	9.95	154	839691	36.612	ng		98
52) 3-Nitroaniline	9.87	138	276097	40.621	ng		96
53) 2,4-Dinitrophenol	9.97	184	55351	44.545	ng	#	19
54) Dibenzofuran	10.12	168	1184135	36.636	ng		97
55) 4-Nitrophenol	10.01	139	208074	39.402	ng		90
56) 2,4-Dinitrotoluene	10.10	165	291118	39.853	ng		95
57) Fluorene	10.47	166	883632	37.575	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	207557	39.897	ng		96
59) Diethylphthalate	10.34	149	1069420	37.302	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	398059	38.264	ng		97
61) 4-Nitroaniline	10.48	138	263131	40.672	ng		97
62) Azobenzene	10.62	77	1046638	36.544	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	108007	41.952	ng		90
65) n-Nitrosodiphenylamine	10.57	169	839113	36.524	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	255084	37.023	ng		96
67) Hexachlorobenzene	11.01	284	277382	36.494	ng		98
68) Atrazine	11.10	200	252083	37.193	ng		98
69) Pentachlorophenol	11.20	266	179695	40.274	ng		97
70) Phenanthrene	11.43	178	1297617	35.772	ng		99
71) Anthracene	11.48	178	1328831	36.017	ng		100
72) Carbazole	11.63	167	1304547	36.092	ng		99
73) Di-n-butylphthalate	11.96	149	1656387	37.725	ng		99
74) Fluoranthene	12.62	202	1321508	36.209	ng		100
76) Benzidine	12.73	184	824305	36.838	ng		96
77) Pyrene	12.84	202	1375515	36.029	ng		100
79) Butylbenzylphthalate	13.46	149	695820	38.314	ng		97
80) Benzo(a)anthracene	14.03	228	1110364	36.264	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	444513	39.154	ng		98
82) Chrysene	14.07	228	1119756	36.278	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	921978	39.422	ng		99
84) Di-n-octyl phthalate	14.63	149	1479389	42.128	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1036755	40.499	ng		99
87) Benzo(b)fluoranthene	15.08	252	1104701	35.164	ng		98
88) Benzo(k)fluoranthene	15.11	252	1075952	35.844	ng		99
89) Benzo(a)pyrene	15.45	252	1018945	36.033	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	869196	37.869	ng		99
91) Benzo(g,h,i)perylene	17.44	276	844997	37.613	ng		96

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

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