Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104125.D
Acq On : 2 Apr 2018 10:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/3/2018 2:28:51 PM

Quant Time: Apr 02 13:46:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 02 13:40:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100893	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	423424	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	198536	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	373252	20.00	ng		0.00
75) Chrysene-d12	14.15	240	272606	20.00	ng		0.00
86) Perylene-d12	15.69	264	229849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	488528	77.22	ng		0.00
7) Phenol-d6	6.60	99	620463	79.71	ng		0.00
23) Nitrobenzene-d5	7.53	82	578230	83.51	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	186846	84.52	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1100346	87.40	ng		0.00
78) Terphenyl-d14	13.08	244	1052794	89.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	102813	37.680	ng		87
3) Pyridine	3.60	79	252112m	36.497	ng		
4) n-Nitrosodimethylamine	3.58	42	73200m	35.651	ng		
6) Aniline	6.63	93	366416	39.324	ng	#	87
8) 2-Chlorophenol	6.75	128	291394	41.988	ng		94
9) Benzaldehyde	6.52	77	178050	46.884	ng		92
10) Phenol	6.61	94	322037	37.341	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	327563	44.077	ng		90
12) 1,3-Dichlorobenzene	6.90	146	306007	39.226	ng		98
13) 1,4-Dichlorobenzene	6.98	146	352611	42.184	ng		98
14) 1,2-Dichlorobenzene	7.13	146	312046	41.533	ng		99
15) Benzyl Alcohol	7.10	79	201473	39.811	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	317831	39.256	ng		65
17) 2-Methylphenol	7.22	107	229075	40.556	ng	#	87
18) Hexachloroethane	7.46	117	115878	41.405	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	191032	41.356	ng		91
20) 3+4-Methylphenols	7.37	107	307419	42.645	ng	#	62
22) Acetophenone	7.37	105	424526	41.439	ng	#	97
24) Nitrobenzene	7.55	77	298780	41.014	ng		94
25) Isophorone	7.77	82	504302	39.523	ng		99
26) 2-Nitrophenol	7.86	139	156562	41.172	ng		93
27) 2,4-Dimethylphenol	7.89	122	217748	39.704	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	318345	39.807	ng		99
29) 2,4-Dichlorophenol	8.10	162	236303	41.252	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	267031	41.085	ng		99
31) Naphthalene	8.26	128	807905	39.056	ng		99
32) Benzoic acid	8.03	122	135833m	33.810	ng		
33) 4-Chloroaniline	8.32	127	372146	42.673	ng		96
34) Hexachlorobutadiene	8.37	225	145397	41.110	ng		99
35) Caprolactam	8.69	113	70219	38.660	ng	#	79
36) 4-Chloro-3-methylphenol	8.80	107	250187	41.292	ng		98
37) 2-Methylnaphthalene	8.95	142	542330	39.802	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	254183	41.750	ng		98
40) Hexachlorocyclopentadiene	9.10	237	90543	34.854	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	145245	37.676	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	192688	41.396	ng		96
45) 1,1'-Biphenyl	9.42	154	709505	41.638	ng		98
46) 2-Chloronaphthalene	9.45	162	564307	41.984	ng		99
47) 2-Nitroaniline	9.55	65	156746	40.897	ng		95
48) Acenaphthylene	9.86	152	837618	41.134	ng		100
49) Dimethylphthalate	9.72	163	625899	39.930	ng		100
50) 2,6-Dinitrotoluene	9.79	165	141334	41.910	ng		97
51) Acenaphthene	10.03	154	464419	39.425	ng		99
52) 3-Nitroaniline	9.97	138	166465	42.941	ng		98
53) 2,4-Dinitrophenol	10.08	184	59337	43.069	ng	#	34
54) Dibenzofuran	10.21	168	699355	40.655	ng		99
55) 4-Nitrophenol	10.14	139	83125	35.761	ng		99
56) 2,4-Dinitrotoluene	10.20	165	180463	41.937	ng	#	96
57) Fluorene	10.55	166	584546	41.195	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	143178	41.056	ng		91
59) Diethylphthalate	10.41	149	600856	40.013	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	275086	42.209	ng		93
61) 4-Nitroaniline	10.59	138	149903	41.326	ng		94
62) Azobenzene	10.70	77	560242	41.260	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	84161	37.249	ng		83
65) n-Nitrosodiphenylamine	10.66	169	508910	40.259	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	159651	39.980	ng	#	88
67) Hexachlorobenzene	11.10	284	184319	40.126	ng	#	85
68) Atrazine	11.19	200	158136	40.835	ng		98
69) Pentachlorophenol	11.30	266	89455	35.390	ng		96
70) Phenanthrene	11.52	178	795695	39.375	ng		98
71) Anthracene	11.57	178	892791	42.296	ng		99
72) Carbazole	11.73	167	820414	40.723	ng		100
73) Di-n-butylphthalate	12.04	149	947844	39.498	ng		99
74) Fluoranthene	12.72	202	847296	39.445	ng		97
76) Benzidine	12.84	184	360597	46.417	ng		99
77) Pyrene	12.95	202	847478	43.246	ng		100
79) Butylbenzylphthalate	13.55	149	379801	41.138	ng		97
80) Benzo(a)anthracene	14.14	228	659114	38.641	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	229515	40.650	ng		99
82) Chrysene	14.18	228	703325	42.098	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	477073	39.993	ng		99
84) Di-n-octyl phthalate	14.72	149	741738	36.147	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	558609	32.266	ng		96
87) Benzo(b)fluoranthene	15.23	252	560685	40.082	ng		99
88) Benzo(k)fluoranthene	15.26	252	590542	44.816	ng		99
89) Benzo(a)pyrene	15.63	252	518297	39.983	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	472306	39.408	ng		96
91) Benzo(g,h,i)perylene	17.77	276	460643	38.373	ng		96

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

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