Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104615.D
Acq On : 18 Apr 2018 22:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 19 01:16:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111740	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	431003	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	168332	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	253861	20.00	ng		0.00
75) Chrysene-d12	13.97	240	241560	20.00	ng		0.00
86) Perylene-d12	15.44	264	253958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	594018	81.29	ng		0.00
7) Phenol-d6	6.44	99	692819	77.16	ng		0.00
23) Nitrobenzene-d5	7.37	82	604307	91.55	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	126384	72.38	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	953533	89.49	ng		0.00
78) Terphenyl-d14	12.92	244	718889	67.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	148384	43.577	ng	#	88
3) Pyridine	3.22	79	394200	41.175	ng		89
4) n-Nitrosodimethylamine	3.19	42	123729	36.971	ng	#	74
6) Aniline	6.47	93	466692	37.411	ng		97
8) 2-Chlorophenol	6.59	128	309139	40.080	ng		92
9) Benzaldehyde	6.36	77	177975	38.796	ng		94
10) Phenol	6.46	94	394440	41.403	ng		90
11) bis(2-Chloroethyl)ether	6.54	93	303388	39.906	ng		97
12) 1,3-Dichlorobenzene	6.75	146	355730	40.710	ng		99
13) 1,4-Dichlorobenzene	6.82	146	358513	41.159	ng		100
14) 1,2-Dichlorobenzene	6.97	146	327468	40.569	ng		98
15) Benzyl Alcohol	6.95	79	255355	37.444	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	387613	37.964	ng		91
17) 2-Methylphenol	7.06	107	262237	39.113	ng		98
18) Hexachloroethane	7.32	117	121313	39.062	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	200951	34.249	ng		92
20) 3+4-Methylphenols	7.22	107	304910	36.668	ng	#	60
22) Acetophenone	7.22	105	410723	38.707	ng	#	96
24) Nitrobenzene	7.39	77	318267	43.673	ng		94
25) Isophorone	7.63	82	523551	37.510	ng		99
26) 2-Nitrophenol	7.70	139	156576	52.777	ng		94
27) 2,4-Dimethylphenol	7.74	122	232666	37.770	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	341318	39.995	ng		100
29) 2,4-Dichlorophenol	7.95	162	230238	39.172	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	261303	40.510	ng		99
31) Naphthalene	8.11	128	851476	39.674	ng		99
32) Benzoic acid	7.86	122	154901	31.516	ng		97
33) 4-Chloroaniline	8.16	127	356475	38.770	ng		96
34) Hexachlorobutadiene	8.22	225	146459	41.453	ng		98
35) Caprolactam	8.53	113	70804	34.532	ng	#	80
36) 4-Chloro-3-methylphenol	8.64	107	226892	36.001	ng		100
37) 2-Methylnaphthalene	8.80	142	525819	37.877	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	223086	46.297	ng		98
40) Hexachlorocyclopentadiene	8.95	237	37963	14.073	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	140356	41.960	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	155041	41.419	ng		95
45) 1,1'-Biphenyl	9.26	154	626107	44.276	ng		99
46) 2-Chloronaphthalene	9.29	162	479566	42.935	ng		98
47) 2-Nitroaniline	9.39	65	135534	49.067	ng		96
48) Acenaphthylene	9.70	152	710702	40.554	ng		100
49) Dimethylphthalate	9.56	163	563502	42.451	ng		100
50) 2,6-Dinitrotoluene	9.63	165	115863	47.171	ng		98
51) Acenaphthene	9.87	154	406064	37.976	ng		100
52) 3-Nitroaniline	9.80	138	128598	44.721	ng		97
53) 2,4-Dinitrophenol	9.90	184	10945	19.776	ng	#	23
54) Dibenzofuran	10.05	168	580011	38.924	ng		100
55) 4-Nitrophenol	9.96	139	79665	35.268	ng		87
56) 2,4-Dinitrotoluene	10.03	165	137180	42.577	ng	#	93
57) Fluorene	10.39	166	432185	39.847	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	100541	36.003	ng		94
59) Diethylphthalate	10.26	149	511566	38.696	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	205226	42.487	ng		93
61) 4-Nitroaniline	10.41	138	118810	42.257	ng		97
62) Azobenzene	10.55	77	452623	35.836	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	26008	25.163	ng		86
65) n-Nitrosodiphenylamine	10.50	169	389183	44.215	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	120214	44.519	ng		91
67) Hexachlorobenzene	10.94	284	129064	42.478	ng	#	89
68) Atrazine	11.03	200	110233	41.490	ng		98
69) Pentachlorophenol	11.13	266	64051	34.075	ng		98
70) Phenanthrene	11.36	178	560823	39.670	ng		99
71) Anthracene	11.40	178	570374	39.690	ng		100
72) Carbazole	11.56	167	537683	38.289	ng		100
73) Di-n-butylphthalate	11.89	149	690955	40.279	ng		98
74) Fluoranthene	12.54	202	572719	38.774	ng		99
76) Benzidine	12.67	184	298710	35.238	ng		99
77) Pyrene	12.77	202	605567	33.821	ng		99
79) Butylbenzylphthalate	13.39	149	281964	33.426	ng		98
80) Benzo(a)anthracene	13.97	228	595573	41.270	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	222064	41.271	ng		99
82) Chrysene	14.00	228	591320	39.892	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	404713	37.301	ng		100
84) Di-n-octyl phthalate	14.57	149	699502	38.584	ng		95
85) Indeno(1,2,3-cd)pyrene	16.89	276	538976	42.804	ng		98
87) Benzo(b)fluoranthene	15.02	252	616578	38.441	ng		98
88) Benzo(k)fluoranthene	15.04	252	621256	41.027	ng		99
89) Benzo(a)pyrene	15.38	252	571233	39.803	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	461164	39.125	ng		100
91) Benzo(g,h,i)perylene	17.33	276	410424	35.941	ng		95

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

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