Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104954.D
Acq On : 1 May 2018 1:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 01 02:09:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111496	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	457354	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	198878	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	316926	20.00	ng		0.00
75) Chrysene-d12	13.97	240	216401	20.00	ng		0.00
86) Perylene-d12	15.43	264	181518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	516685	70.86	ng		0.00
7) Phenol-d6	6.43	99	636919	71.09	ng		0.00
23) Nitrobenzene-d5	7.36	82	563038	80.39	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	138245	67.01	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	986602	78.37	ng		0.00
78) Terphenyl-d14	12.90	244	726798	76.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	111803	32.906	ng	#	86
3) Pyridine	3.19	79	310617	32.516	ng		86
4) n-Nitrosodimethylamine	3.17	42	103803	31.085	ng	#	81
6) Aniline	6.46	93	413517	33.221	ng		98
8) 2-Chlorophenol	6.58	128	285599	37.109	ng		91
9) Benzaldehyde	6.35	77	158111	32.898	ng		93
10) Phenol	6.45	94	348993	36.712	ng	#	66
11) bis(2-Chloroethyl)ether	6.53	93	268608	35.409	ng		94
12) 1,3-Dichlorobenzene	6.73	146	325097	37.286	ng		99
13) 1,4-Dichlorobenzene	6.81	146	327392	37.669	ng		98
14) 1,2-Dichlorobenzene	6.96	146	301894	37.482	ng		98
15) Benzyl Alcohol	6.94	79	228587	33.592	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	314154	30.837	ng		79
17) 2-Methylphenol	7.05	107	240948	36.016	ng		96
18) Hexachloroethane	7.30	117	99869	32.228	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	183430	31.331	ng		94
20) 3+4-Methylphenols	7.21	107	295131	35.570	ng	#	69
22) Acetophenone	7.20	105	397215	35.277	ng		99
24) Nitrobenzene	7.38	77	295136	38.166	ng		97
25) Isophorone	7.62	82	496303	33.509	ng		99
26) 2-Nitrophenol	7.70	139	139048	44.169	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	217696	33.304	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	316771	34.980	ng		99
29) 2,4-Dichlorophenol	7.94	162	228600	36.653	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	255799	37.372	ng		99
31) Naphthalene	8.10	128	815494	35.808	ng		99
32) Benzoic acid	7.86	122	115403	22.127	ng		94
33) 4-Chloroaniline	8.15	127	350152	35.888	ng		98
34) Hexachlorobutadiene	8.21	225	142759	38.078	ng		98
35) Caprolactam	8.53	113	72084	33.131	ng	#	79
36) 4-Chloro-3-methylphenol	8.64	107	235347	35.191	ng		98
37) 2-Methylnaphthalene	8.79	142	525354	35.663	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	233009	40.929	ng		98
40) Hexachlorocyclopentadiene	8.93	237	9074	2.847	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	146557	37.084 ng		99
43) 2,4,5-Trichlorophenol	9.12	196	165508	37.425 ng		93
45) 1,1'-Biphenyl	9.25	154	639277	38.264 ng		99
46) 2-Chloronaphthalene	9.28	162	501834	38.028 ng		99
47) 2-Nitroaniline	9.38	65	147018	45.049 ng		99
48) Acenaphthylene	9.70	152	743704	35.919 ng		100
49) Dimethylphthalate	9.55	163	603898	38.506 ng		100
50) 2,6-Dinitrotoluene	9.63	165	122399	42.178 ng	#	82
51) Acenaphthene	9.87	154	436699	34.569 ng		100
52) 3-Nitroaniline	9.80	138	146898	43.239 ng		96
53) 2,4-Dinitrophenol	9.92	184	2491	8.215 ng	#	16
54) Dibenzofuran	10.04	168	611349	34.726 ng		99
55) 4-Nitrophenol	9.97	139	68531	25.679 ng		92
56) 2,4-Dinitrotoluene	10.03	165	142744	37.499 ng	#	96
57) Fluorene	10.38	166	486443	37.961 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	102848	31.172 ng		95
59) Diethylphthalate	10.25	149	569241	36.445 ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	234592	41.107 ng		98
61) 4-Nitroaniline	10.41	138	138642	41.737 ng		97
62) Azobenzene	10.53	77	467482	31.327 ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	9324	12.463 ng	#	80
65) n-Nitrosodiphenylamine	10.49	169	441269	40.157 ng		99
66) 4-Bromophenyl-phenylether	10.86	248	136682	40.546 ng		90
67) Hexachlorobenzene	10.93	284	147434	38.868 ng	#	86
68) Atrazine	11.02	200	118139	35.618 ng		99
69) Pentachlorophenol	11.13	266	49754	21.202 ng		97
70) Phenanthrene	11.35	178	628662	35.619 ng		99
71) Anthracene	11.40	178	634111	35.345 ng		99
72) Carbazole	11.56	167	576511	32.885 ng		99
73) Di-n-butylphthalate	11.87	149	804444	37.564 ng		100
74) Fluoranthene	12.54	202	567766	30.790 ng		96
76) Benzidine	12.66	184	242151	30.797 ng		98
77) Pyrene	12.77	202	577666	36.013 ng		98
79) Butylbenzylphthalate	13.38	149	283566	37.524 ng		93
80) Benzo(a)anthracene	13.96	228	504356	39.013 ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	184013	38.175 ng		98
82) Chrysene	14.00	228	478610	36.042 ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	393520	40.486 ng		99
84) Di-n-octyl phthalate	14.55	149	609576	37.532 ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.89	276	351160	31.130 ng		96
87) Benzo(b)fluoranthene	15.01	252	431139	37.607 ng		99
88) Benzo(k)fluoranthene	15.04	252	418249	38.643 ng		96
89) Benzo(a)pyrene	15.37	252	378130	36.863 ng		98
90) Dibenzo(a,h)anthracene	16.90	278	299487	35.549 ng		96
91) Benzo(g,h,i)perylene	17.33	276	278786	34.156 ng		98

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

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