Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104305.D
Acq On : 6 Apr 2018 14:39
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF040618

Quant Time: Apr 06 17:25:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136507	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	553060	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	258956	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	469713	20.00	ng		0.00
75) Chrysene-d12	13.97	240	378917	20.00	ng		0.00
86) Perylene-d12	15.42	264	351279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	663701	74.34	ng		0.00
7) Phenol-d6	6.43	99	823143	75.04	ng		0.00
23) Nitrobenzene-d5	7.37	82	701447	82.82	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	209559	78.01	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1252876	76.43	ng		0.00
78) Terphenyl-d14	12.92	244	1254305	75.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	163157	39.222	ng		90
3) Pyridine	3.25	79	447530	38.265	ng		88
4) n-Nitrosodimethylamine	3.21	42	153748	37.606	ng		86
6) Aniline	6.47	93	575819	37.784	ng		98
8) 2-Chlorophenol	6.59	128	359382	38.140	ng		95
9) Benzaldehyde	6.35	77	222032	40.021	ng		99
10) Phenol	6.44	94	437264	37.570	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	354093	38.125	ng		98
12) 1,3-Dichlorobenzene	6.75	146	407938	38.215	ng		99
13) 1,4-Dichlorobenzene	6.82	146	407224	38.269	ng		99
14) 1,2-Dichlorobenzene	6.97	146	377814	38.314	ng		99
15) Benzyl Alcohol	6.95	79	316108	37.942	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	469658	37.654	ng		93
17) 2-Methylphenol	7.05	107	311917	38.082	ng		98
18) Hexachloroethane	7.32	117	147702	38.930	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	264047	36.838	ng		96
20) 3+4-Methylphenols	7.21	107	387260	38.122	ng	#	75
22) Acetophenone	7.22	105	518429	38.075	ng		98
24) Nitrobenzene	7.39	77	386849	41.369	ng		99
25) Isophorone	7.63	82	679990	37.966	ng		99
26) 2-Nitrophenol	7.70	139	167484	43.995	ng		95
27) 2,4-Dimethylphenol	7.73	122	307330	38.880	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	418871	38.251	ng		99
29) 2,4-Dichlorophenol	7.94	162	292612	38.797	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	317491	38.358	ng		100
31) Naphthalene	8.11	128	1060705	38.516	ng		99
32) Benzoic acid	7.86	122	275571	43.694	ng		99
33) 4-Chloroaniline	8.16	127	446970	37.884	ng		99
34) Hexachlorobutadiene	8.23	225	179971	39.696	ng		97
35) Caprolactam	8.53	113	100434	38.173	ng	#	83
36) 4-Chloro-3-methylphenol	8.63	107	310919	38.446	ng		98
37) 2-Methylnaphthalene	8.80	142	687809	38.611	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	287788	38.823	ng		99
40) Hexachlorocyclopentadiene	8.95	237	167109	40.268	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	201447	39.147	ng		100
43) 2,4,5-Trichlorophenol	9.11	196	227333	39.479	ng		98
45) 1,1'-Biphenyl	9.26	154	832705	38.278	ng		99
46) 2-Chloronaphthalene	9.29	162	657973	38.292	ng		99
47) 2-Nitroaniline	9.39	65	188866	44.446	ng		99
48) Acenaphthylene	9.70	152	1035412	38.406	ng		100
49) Dimethylphthalate	9.57	163	777514	38.075	ng		100
50) 2,6-Dinitrotoluene	9.63	165	164469	43.526	ng		98
51) Acenaphthene	9.87	154	638279	38.804	ng		100
52) 3-Nitroaniline	9.80	138	190373	43.035	ng		98
53) 2,4-Dinitrophenol	9.90	184	52258	43.664	ng	#	17
54) Dibenzofuran	10.05	168	885962	38.649	ng		99
55) 4-Nitrophenol	9.95	139	149263	42.955	ng		94
56) 2,4-Dinitrotoluene	10.03	165	213054	42.985	ng		96
57) Fluorene	10.39	166	658282	39.453	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	171020	39.809	ng		97
59) Diethylphthalate	10.27	149	784474	38.573	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	290482	39.092	ng		97
61) 4-Nitroaniline	10.41	138	188193	43.510	ng		99
62) Azobenzene	10.55	77	747374	38.464	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	92356	41.540	ng		92
65) n-Nitrosodiphenylamine	10.50	169	621960	38.190	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	193592	38.748	ng		95
67) Hexachlorobenzene	10.93	284	215622	38.354	ng		96
68) Atrazine	11.03	200	189193	38.486	ng		99
69) Pentachlorophenol	11.13	266	142088	40.854	ng		96
70) Phenanthrene	11.35	178	1000841	38.261	ng		99
71) Anthracene	11.40	178	1020122	38.365	ng		100
72) Carbazole	11.56	167	975600	37.548	ng		99
73) Di-n-butylphthalate	11.89	149	1207394	38.041	ng		99
74) Fluoranthene	12.54	202	1047256	38.319	ng		100
76) Benzidine	12.66	184	472918	35.685	ng	#	94
77) Pyrene	12.77	202	1064837	37.913	ng		100
79) Butylbenzylphthalate	13.39	149	513408	38.800	ng		95
80) Benzo(a)anthracene	13.96	228	854463	37.746	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	320904	38.021	ng		97
82) Chrysene	14.00	228	889948	38.275	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	651258	38.265	ng		99
84) Di-n-octyl phthalate	14.57	149	1132645	39.828	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	734674	37.195	ng		99
87) Benzo(b)fluoranthene	15.00	252	831192	37.464	ng		98
88) Benzo(k)fluoranthene	15.03	252	841232	40.162	ng		99
89) Benzo(a)pyrene	15.36	252	776608	39.122	ng	#	97
90) Dibenzo(a,h)anthracene	16.88	278	612891	37.592	ng		99
91) Benzo(g,h,i)perylene	17.29	276	573022	36.277	ng		98

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

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