Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101949.D
Acq On : 9 Jan 2018 13:30
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Jan 09 13:57:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 13:07:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	226081	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	945932	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	414387	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	704517	20.00	ng		0.00
75) Chrysene-d12	13.88	240	418516	20.00	ng		0.00
86) Perylene-d12	15.29	264	349303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1744883	114.97	ng		0.00
7) Phenol-d6	6.36	99	2061485	109.14	ng		0.01
23) Nitrobenzene-d5	7.30	82	1868595	109.96	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	409945	102.67	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2821788	105.63	ng		0.00
78) Terphenyl-d14	12.83	244	2233648	128.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	451540	57.899	ng		93
3) Pyridine	3.09	79	1270538	58.637	ng		93
4) n-Nitrosodimethylamine	3.07	42	530582	53.183	ng		97
6) Aniline	6.40	93	1495184	56.960	ng		97
8) 2-Chlorophenol	6.51	128	878170	55.003	ng		97
9) Benzaldehyde	6.28	77	718317	51.492	ng		98
10) Phenol	6.37	94	1165283	54.126	ng		92
11) bis(2-Chloroethyl)ether	6.47	93	891474	52.789	ng		98
12) 1,3-Dichlorobenzene	6.67	146	1001356	55.571	ng		99
13) 1,4-Dichlorobenzene	6.75	146	1003296	54.524	ng		99
14) 1,2-Dichlorobenzene	6.90	146	897423	54.182	ng		98
15) Benzyl Alcohol	6.87	79	742606	57.118	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1677489	64.905	ng		98
17) 2-Methylphenol	6.98	107	809938	55.149	ng		99
18) Hexachloroethane	7.24	117	365463	57.125	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	690600	55.672	ng		94
20) 3+4-Methylphenols	7.14	107	892419	57.343	ng	#	77
22) Acetophenone	7.15	105	1190812	55.171	ng	#	88
24) Nitrobenzene	7.32	77	989766	52.627	ng		99
25) Isophorone	7.56	82	1791854	52.564	ng		98
26) 2-Nitrophenol	7.63	139	455344	56.356	ng		97
27) 2,4-Dimethylphenol	7.67	122	743810	54.188	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	1060433	48.971	ng		99
29) 2,4-Dichlorophenol	7.87	162	729830	53.817	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	736080	51.434	ng		97
31) Naphthalene	8.03	128	2506785	52.640	ng		99
32) Benzoic acid	7.82	122	625775	76.445	ng		98
33) 4-Chloroaniline	8.09	127	1075837	51.978	ng		99
34) Hexachlorobutadiene	8.15	225	390914	47.228	ng		99
35) Caprolactam	8.48	113	259055	55.014	ng		96
36) 4-Chloro-3-methylphenol	8.56	107	783694	52.578	ng		99
37) 2-Methylnaphthalene	8.72	142	1640415	52.872	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	626641	44.790	ng		99
40) Hexachlorocyclopentadiene	8.87	237	384141	209.920	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	463184	54.991	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	509433	55.238	ng		96
45) 1,1'-Biphenyl	9.19	154	1894152	51.542	ng		100
46) 2-Chloronaphthalene	9.22	162	1515982	53.912	ng		100
47) 2-Nitroaniline	9.31	65	539114	55.499	ng		91
48) Acenaphthylene	9.63	152	2386756	53.739	ng		99
49) Dimethylphthalate	9.50	163	1805494	54.168	ng		99
50) 2,6-Dinitrotoluene	9.56	165	403568	59.572	ng		93
51) Acenaphthene	9.80	154	1471656	55.152	ng		98
52) 3-Nitroaniline	9.73	138	494569	58.556	ng		97
53) 2,4-Dinitrophenol	9.82	184	151649	83.848	ng	#	19
54) Dibenzofuran	9.97	168	1965960	57.975	ng		98
55) 4-Nitrophenol	9.87	139	391684	106.353	ng		95
56) 2,4-Dinitrotoluene	9.96	165	520424	68.185	ng		95
57) Fluorene	10.32	166	1388075	48.388	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	365512	55.164	ng		98
59) Diethylphthalate	10.20	149	1766905	53.530	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	596293	43.372	ng		99
61) 4-Nitroaniline	10.35	138	482671	56.855	ng		93
62) Azobenzene	10.47	77	1752938	51.266	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	241615	67.205	ng		94
65) n-Nitrosodiphenylamine	10.43	169	1417868	54.504	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	398566	50.348	ng		96
67) Hexachlorobenzene	10.86	284	440830	52.616	ng		94
68) Atrazine	10.96	200	422018	54.407	ng		98
69) Pentachlorophenol	11.05	266	298345	107.763	ng		98
70) Phenanthrene	11.27	178	2110091	53.857	ng		99
71) Anthracene	11.33	178	2175360	54.356	ng		99
72) Carbazole	11.48	167	2129587	56.835	ng		98
73) Di-n-butylphthalate	11.82	149	2642489	58.105	ng		100
74) Fluoranthene	12.46	202	2113882	51.402	ng		99
76) Benzidine	12.58	184	1175146	66.482	ng	#	92
77) Pyrene	12.69	202	2147827	68.381	ng		99
79) Butylbenzylphthalate	13.31	149	1048383	73.767	ng		96
80) Benzo(a)anthracene	13.87	228	1464972	53.011	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	555828	61.684	ng		97
82) Chrysene	13.91	228	1568586	60.116	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	1112067	61.777	ng		99
84) Di-n-octyl phthalate	14.49	149	1946705	60.638	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	1201875	51.726	ng		94
87) Benzo(b)fluoranthene	14.89	252	1300556	61.085	ng		98
88) Benzo(k)fluoranthene	14.92	252	1225780	59.215	ng		98
89) Benzo(a)pyrene	15.24	252	1169581	59.590	ng	#	96
90) Dibenzo(a,h)anthracene	16.69	278	983995	58.392	ng	#	95
91) Benzo(g,h,i)perylene	17.09	276	1025869	61.479	ng		95

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

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