Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100618.D
Acq On : 16 Nov 2017 9:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 16 12:14:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121867	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	478292	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	220283	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	437747	20.00	ng		0.00
75) Chrysene-d12	14.04	240	344301	20.00	ng		0.00
86) Perylene-d12	15.52	264	276671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	588289	77.38	ng		0.00
7) Phenol-d6	6.51	99	727286	77.58	ng		0.00
23) Nitrobenzene-d5	7.45	82	658132	90.97	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	205616	91.60	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1194528	82.57	ng		0.00
78) Terphenyl-d14	12.99	244	1196672	79.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	140905	38.032	ng		96
3) Pyridine	3.43	79	380043	37.598	ng		94
4) n-Nitrosodimethylamine	3.39	42	175617	35.785	ng		100
6) Aniline	6.55	93	491023	37.074	ng		99
8) 2-Chlorophenol	6.67	128	321607	39.987	ng		98
9) Benzaldehyde	6.44	77	232193	34.681	ng		93
10) Phenol	6.52	94	377890	38.397	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	313381	37.910	ng		97
12) 1,3-Dichlorobenzene	6.83	146	369971	39.899	ng		97
13) 1,4-Dichlorobenzene	6.90	146	372144	39.653	ng		97
14) 1,2-Dichlorobenzene	7.06	146	345035	39.763	ng		97
15) Benzyl Alcohol	7.02	79	285011	38.954	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	422602	31.963	ng		98
17) 2-Methylphenol	7.13	107	274532	39.944	ng		97
18) Hexachloroethane	7.40	117	125717	40.628	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	238959	36.754	ng		95
20) 3+4-Methylphenols	7.29	107	335308	38.553	ng	#	87
22) Acetophenone	7.30	105	448699	38.472	ng	#	97
24) Nitrobenzene	7.47	77	330589	44.398	ng		96
25) Isophorone	7.71	82	584451	38.444	ng		99
26) 2-Nitrophenol	7.78	139	179561	51.049	ng		96
27) 2,4-Dimethylphenol	7.82	122	280833	41.208	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	390731	39.292	ng		100
29) 2,4-Dichlorophenol	8.02	162	278910	42.870	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	294081	41.788	ng		93
31) Naphthalene	8.19	128	928437	40.302	ng		99
32) Benzoic acid	7.94	122	178759	36.937	ng		96
33) 4-Chloroaniline	8.23	127	393351	41.020	ng		99
34) Hexachlorobutadiene	8.30	225	172679	41.269	ng		98
35) Caprolactam	8.62	113	88960	39.844	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	283071	40.512	ng		98
37) 2-Methylnaphthalene	8.88	142	611137	39.958	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	314065	42.989	ng	#	97
40) Hexachlorocyclopentadiene	9.03	237	161993	47.113	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	204452	44.156	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	218384	45.523	ng		93
45) 1,1'-Biphenyl	9.35	154	793467	41.647	ng		98
46) 2-Chloronaphthalene	9.37	162	585302	42.347	ng		97
47) 2-Nitroaniline	9.46	65	188588	46.282	ng		97
48) Acenaphthylene	9.79	152	944111	41.217	ng		99
49) Dimethylphthalate	9.65	163	693998	41.263	ng		100
50) 2,6-Dinitrotoluene	9.70	165	154750	46.483	ng		96
51) Acenaphthene	9.96	154	598828	42.986	ng		98
52) 3-Nitroaniline	9.87	138	179333	45.617	ng		96
53) 2,4-Dinitrophenol	9.97	184	79279	61.690	ng	#	18
54) Dibenzofuran	10.13	168	805344	41.247	ng		98
55) 4-Nitrophenol	10.03	139	144160	45.161	ng		84
56) 2,4-Dinitrotoluene	10.11	165	208831	49.723	ng		85
57) Fluorene	10.47	166	609546	42.616	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	173018	44.006	ng	#	85
59) Diethylphthalate	10.34	149	679752	40.387	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	302512	43.113	ng		93
61) 4-Nitroaniline	10.49	138	179429	48.134	ng		84
62) Azobenzene	10.62	77	617254	38.938	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	123976	54.647	ng		84
65) n-Nitrosodiphenylamine	10.58	169	617487	40.568	ng		95
66) 4-Bromophenyl-phenylether	10.95	248	198526	42.306	ng	#	85
67) Hexachlorobenzene	11.02	284	210097	42.808	ng	#	89
68) Atrazine	11.10	200	188189	40.845	ng		97
69) Pentachlorophenol	11.21	266	148436	42.179	ng		98
70) Phenanthrene	11.43	178	925691	40.164	ng		99
71) Anthracene	11.49	178	946957	40.497	ng		99
72) Carbazole	11.64	167	872328	40.431	ng		99
73) Di-n-butylphthalate	11.96	149	1078847	42.728	ng		99
74) Fluoranthene	12.62	202	988073	40.451	ng		96
76) Benzidine	12.74	184	661805	47.997	ng		99
77) Pyrene	12.85	202	1021249	41.610	ng		99
79) Butylbenzylphthalate	13.46	149	453693	45.328	ng	#	89
80) Benzo(a)anthracene	14.03	228	869360	41.930	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	319042	42.948	ng	#	97
82) Chrysene	14.07	228	821841	40.933	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	620914	47.167	ng		99
84) Di-n-octyl phthalate	14.63	149	988082	43.691	ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	568759	35.022	ng		96
87) Benzo(b)fluoranthene	15.09	252	700183	42.717	ng		98
88) Benzo(k)fluoranthene	15.12	252	690991	44.616	ng		97
89) Benzo(a)pyrene	15.46	252	622315	42.825	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	480104	40.399	ng	#	96
91) Benzo(g,h,i)perylene	17.45	276	481158	41.361	ng		96

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

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