Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099756.D
Acq On : 23 Oct 2017 13:09
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Oct 23 14:28:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 14:23:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103156	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	413229	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	191383	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	346712	20.00	ng		0.00
75) Chrysene-d12	13.99	240	257426	20.00	ng		0.00
86) Perylene-d12	15.45	264	230823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	640268	98.81	ng		0.00
7) Phenol-d6	6.46	99	746305	93.36	ng		0.00
23) Nitrobenzene-d5	7.38	82	632669	98.19	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	168309	107.47	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1170194	102.07	ng		0.00
78) Terphenyl-d14	12.92	244	1110694	98.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	146670	47.383	ng	#	89
3) Pyridine	3.31	79	369792	44.161	ng		90
4) n-Nitrosodimethylamine	3.29	42	134257	37.809	ng	#	70
6) Aniline	6.48	93	486968	45.136	ng		98
8) 2-Chlorophenol	6.60	128	338014	46.061	ng		91
9) Benzaldehyde	6.36	77	223949	48.296	ng		93
10) Phenol	6.47	94	409579	45.813	ng		82
11) bis(2-Chloroethyl)ether	6.55	93	327809	47.165	ng		95
12) 1,3-Dichlorobenzene	6.75	146	381018	49.577	ng		97
13) 1,4-Dichlorobenzene	6.82	146	384126	49.125	ng		99
14) 1,2-Dichlorobenzene	6.98	146	347408	48.084	ng		96
15) Benzyl Alcohol	6.96	79	230914	39.376	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	355603	32.840	ng		67
17) 2-Methylphenol	7.07	107	287236	47.837	ng		97
18) Hexachloroethane	7.31	117	129531	46.087	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	208921	40.935	ng		91
20) 3+4-Methylphenols	7.23	107	309980	40.808	ng	#	69
22) Acetophenone	7.23	105	441495	44.097	ng	#	98
24) Nitrobenzene	7.40	77	319896	43.765	ng		95
25) Isophorone	7.64	82	580257	43.556	ng		97
26) 2-Nitrophenol	7.71	139	189215	53.832	ng		89
27) 2,4-Dimethylphenol	7.75	122	268132	40.393	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	398439	47.992	ng		99
29) 2,4-Dichlorophenol	7.96	162	279012	48.956	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	295275	51.801	ng		99
31) Naphthalene	8.12	128	954628	49.188	ng		100
32) Benzoic acid	7.92	122	247105	45.318	ng		97
33) 4-Chloroaniline	8.17	127	398737	49.198	ng		96
34) Hexachlorobutadiene	8.22	225	152608	51.979	ng		99
35) Caprolactam	8.56	113	91326	49.955	ng	#	81
36) 4-Chloro-3-methylphenol	8.66	107	279070	43.565	ng		93
37) 2-Methylnaphthalene	8.80	142	638831	50.634	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	301282	52.786	ng		98
40) Hexachlorocyclopentadiene	8.95	237	55129	21.136	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	184810	45.706	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	198043	49.065	ng		94
45) 1,1'-Biphenyl	9.27	154	816666	49.651	ng		98
46) 2-Chloronaphthalene	9.30	162	600197	48.600	ng		97
47) 2-Nitroaniline	9.40	65	165924	43.878	ng	#	81
48) Acenaphthylene	9.71	152	911784	48.229	ng		99
49) Dimethylphthalate	9.57	163	734526	50.851	ng		100
50) 2,6-Dinitrotoluene	9.65	165	157298	50.020	ng	#	83
51) Acenaphthene	9.88	154	556338	46.456	ng		99
52) 3-Nitroaniline	9.82	138	188212	51.330	ng		93
53) 2,4-Dinitrophenol	9.93	184	59532	41.947	ng	#	83
54) Dibenzofuran	10.06	168	767530	48.136	ng		98
55) 4-Nitrophenol	9.99	139	98574	31.794	ng	#	79
56) 2,4-Dinitrotoluene	10.06	165	181813	44.549	ng	#	92
57) Fluorene	10.40	166	641839	50.081	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	139111	49.891	ng		93
59) Diethylphthalate	10.27	149	703458	49.840	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	301873	52.436	ng		92
61) 4-Nitroaniline	10.44	138	176918	50.012	ng		86
62) Azobenzene	10.54	77	596032	45.927	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	113373	53.744	ng	#	78
65) n-Nitrosodiphenylamine	10.51	169	614339	51.147	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	179091	52.771	ng		94
67) Hexachlorobenzene	10.94	284	179733	49.586	ng		97
68) Atrazine	11.04	200	183124	50.674	ng		98
69) Pentachlorophenol	11.14	266	84775	37.580	ng		98
70) Phenanthrene	11.36	178	912074	49.146	ng		99
71) Anthracene	11.42	178	930193	48.986	ng		99
72) Carbazole	11.57	167	867759	46.665	ng		99
73) Di-n-butylphthalate	11.89	149	1135624	50.737	ng		99
74) Fluoranthene	12.56	202	944422	50.255	ng		96
76) Benzidine	12.67	184	533682	56.051	ng		96
77) Pyrene	12.79	202	962986	49.058	ng		99
79) Butylbenzylphthalate	13.39	149	480423	52.076	ng		87
80) Benzo(a)anthracene	13.97	228	789499	50.649	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	279089	48.841	ng		98
82) Chrysene	14.02	228	742361	50.023	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	629880	49.585	ng		97
84) Di-n-octyl phthalate	14.56	149	1136525	55.563	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	650041	54.757	ng		97
87) Benzo(b)fluoranthene	15.03	252	727248	51.244	ng		98
88) Benzo(k)fluoranthene	15.06	252	663867	47.360	ng		98
89) Benzo(a)pyrene	15.39	252	642909	49.351	ng		97
90) Dibenzo(a,h)anthracene	16.94	278	555541	53.286	ng		98
91) Benzo(g,h,i)perylene	17.37	276	544834	52.868	ng		97

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

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