Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099856.D
Acq On : 26 Oct 2017 12:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 26 16:31:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61043	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	252523	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	117607	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	221209	20.00	ng		0.00
75) Chrysene-d12	13.99	240	187352	20.00	ng		0.00
86) Perylene-d12	15.46	264	191345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	317723	81.72	ng		0.00
7) Phenol-d6	6.43	99	374421	81.21	ng		0.00
23) Nitrobenzene-d5	7.36	82	309320	78.86	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	89820	83.81	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	644057	84.49	ng		0.00
78) Terphenyl-d14	12.92	244	656943	76.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	67953	39.577	ng	#	86
3) Pyridine	3.24	79	160304	38.824	ng		88
4) n-Nitrosodimethylamine	3.18	42	58284	39.512	ng	#	73
6) Aniline	6.46	93	240881	40.296	ng		99
8) 2-Chlorophenol	6.58	128	170102	41.048	ng		93
9) Benzaldehyde	6.35	77	108196	39.273	ng		93
10) Phenol	6.45	94	206417	40.779	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	158789	40.623	ng		92
12) 1,3-Dichlorobenzene	6.73	146	186419	40.065	ng		97
13) 1,4-Dichlorobenzene	6.81	146	191400	40.531	ng		97
14) 1,2-Dichlorobenzene	6.96	146	176222	40.945	ng		97
15) Benzyl Alcohol	6.95	79	121547	41.456	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	170906	39.360	ng		63
17) 2-Methylphenol	7.06	107	141761	40.897	ng		99
18) Hexachloroethane	7.30	117	61817	39.237	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	110991	41.081	ng		89
20) 3+4-Methylphenols	7.21	107	173811	43.064	ng	#	53
22) Acetophenone	7.21	105	232140	40.374	ng	#	96
24) Nitrobenzene	7.39	77	158653	40.144	ng		90
25) Isophorone	7.62	82	278567	39.139	ng		98
26) 2-Nitrophenol	7.70	139	94397	41.702	ng	#	86
27) 2,4-Dimethylphenol	7.73	122	133752	40.103	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	199404	40.004	ng		99
29) 2,4-Dichlorophenol	7.95	162	142495	41.128	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	146044	39.451	ng		99
31) Naphthalene	8.10	128	491747	40.342	ng		99
32) Benzoic acid	7.89	122	112225	38.228	ng		94
33) 4-Chloroaniline	8.16	127	210812	41.882	ng	#	94
34) Hexachlorobutadiene	8.21	225	76391	40.119	ng		99
35) Caprolactam	8.54	113	44860	41.173	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	141521	40.019	ng		94
37) 2-Methylnaphthalene	8.79	142	329593	40.348	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	154767	40.745	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	23181	40.003	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	92724	40.357	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	95654	39.232	ng	#	89
45) 1,1'-Biphenyl	9.26	154	435174	40.903	ng		98
46) 2-Chloronaphthalene	9.29	162	312625	40.461	ng		95
47) 2-Nitroaniline	9.39	65	82045	40.458	ng		88
48) Acenaphthylene	9.70	152	489119	41.101	ng		99
49) Dimethylphthalate	9.56	163	368581	39.575	ng		99
50) 2,6-Dinitrotoluene	9.63	165	80222	40.973	ng		85
51) Acenaphthene	9.87	154	301158	41.416	ng		99
52) 3-Nitroaniline	9.81	138	95757	41.507	ng		88
53) 2,4-Dinitrophenol	9.93	184	24265	34.890	ng	#	85
54) Dibenzofuran	10.05	168	424339	41.342	ng		98
55) 4-Nitrophenol	9.99	139	42395	35.171	ng		80
56) 2,4-Dinitrotoluene	10.05	165	101777	43.164	ng		95
57) Fluorene	10.39	166	354869	41.757	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	70405	41.185	ng	#	94
59) Diethylphthalate	10.26	149	363612	39.979	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	164324	41.085	ng		89
61) 4-Nitroaniline	10.43	138	93477	42.470	ng		85
62) Azobenzene	10.54	77	308988	40.528	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	54281	39.036	ng	#	77
65) n-Nitrosodiphenylamine	10.50	169	321182	39.333	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	95162	40.863	ng		90
67) Hexachlorobenzene	10.94	284	95038	39.890	ng		96
68) Atrazine	11.03	200	97038	39.561	ng		99
69) Pentachlorophenol	11.14	266	35652	35.020	ng		99
70) Phenanthrene	11.36	178	506512	40.573	ng		98
71) Anthracene	11.41	178	512209	40.421	ng		98
72) Carbazole	11.57	167	486211	40.802	ng		99
73) Di-n-butylphthalate	11.89	149	607927	39.998	ng	#	99
74) Fluoranthene	12.55	202	532655	41.057	ng		99
76) Benzidine	12.67	184	300564	36.663	ng		99
77) Pyrene	12.78	202	547899	38.460	ng		99
79) Butylbenzylphthalate	13.39	149	260331	37.109	ng		93
80) Benzo(a)anthracene	13.97	228	459572	38.695	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	176011	40.826	ng		98
82) Chrysene	14.02	228	440723	39.471	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	367163	37.269	ng		99
84) Di-n-octyl phthalate	14.56	149	638624	37.769	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	478891	46.719	ng		97
87) Benzo(b)fluoranthene	15.03	252	475712	39.372	ng		97
88) Benzo(k)fluoranthene	15.06	252	418846	36.762	ng		99
89) Benzo(a)pyrene	15.40	252	427325	39.372	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	407148	42.217	ng		97
91) Benzo(g,h,i)perylene	17.39	276	409284	43.378	ng		95

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

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