Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027941.D
Acq On : 15 Jul 2017 1:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 15 02:24:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	53841	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	232750	20.00	ng		0.00
38) Acenaphthene-d10	14.98	164	160196	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	395411	20.00	ng		0.00
75) Chrysene-d12	22.06	240	491923	20.00	ng		0.00
86) Perylene-d12	25.59	264	453560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	234378	77.86	ng		0.00
7) Phenol-d6	7.52	99	339912	78.38	ng		0.00
23) Nitrobenzene-d5	9.54	82	334155	80.22	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	201925	85.05	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	979234	80.62	ng		0.00
78) Terphenyl-d14	20.31	244	1759446	80.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	41414	36.953	ng		97
3) Pyridine	4.29	79	131724	40.976	ng		97
4) n-Nitrosodimethylamine	4.20	42	71805	39.760	ng		91
6) Aniline	7.70	93	197602	39.139	ng	#	94
8) 2-Chlorophenol	7.94	128	135768	39.431	ng		87
9) Benzaldehyde	7.51	77	92655	39.026	ng		85
10) Phenol	7.55	94	174936	38.475	ng		85
11) bis(2-Chloroethyl)ether	7.78	93	125484	37.643	ng		87
12) 1,3-Dichlorobenzene	8.26	146	157929m	39.168	ng		
13) 1,4-Dichlorobenzene	8.41	146	161372	38.686	ng		93
14) 1,2-Dichlorobenzene	8.73	146	158499	39.138	ng		88
15) Benzyl Alcohol	8.60	79	113684	42.901	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.88	45	245039	36.444	ng		100
17) 2-Methylphenol	8.80	107	115539	38.629	ng	#	89
18) Hexachloroethane	9.46	117	52711	38.842	ng	#	83
19) n-Nitroso-di-n-propylamine	9.17	70	116862	38.597	ng	#	95
20) 3+4-Methylphenols	9.13	107	162950	38.789	ng		93
22) Acetophenone	9.20	105	223470	39.819	ng	#	90
24) Nitrobenzene	9.58	77	172983	39.483	ng	#	85
25) Isophorone	10.10	82	313495	39.399	ng	#	94
26) 2-Nitrophenol	10.29	139	86426	41.129	ng	#	79
27) 2,4-Dimethylphenol	10.34	122	144417	39.154	ng		91
28) bis(2-Chloroethoxy)methane	10.58	93	181152	38.961	ng		98
29) 2,4-Dichlorophenol	10.84	162	163083	40.838	ng		93
30) 1,2,4-Trichlorobenzene	11.05	180	179720	40.142	ng		98
31) Naphthalene	11.25	128	453124	39.048	ng		98
32) Benzoic acid	10.47	122	74493	40.198	ng	#	80
33) 4-Chloroaniline	11.35	127	189411	39.939	ng	#	89
34) Hexachlorobutadiene	11.52	225	129478	41.431	ng		97
35) Caprolactam	12.12	113	50114	41.019	ng		89
36) 4-Chloro-3-methylphenol	12.45	107	171641	39.840	ng	#	80
37) 2-Methylnaphthalene	12.82	142	354789	40.053	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	261976	41.361	ng	#	92
40) Hexachlorocyclopentadiene	13.16	237	122525	41.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	160792	41.868	ng		94
43) 2,4,5-Trichlorophenol	13.50	196	164870	40.769	ng	#	89
45) 1,1'-Biphenyl	13.81	154	544095	39.526	ng		98
46) 2-Chloronaphthalene	13.87	162	394499	39.358	ng		95
47) 2-Nitroaniline	14.07	65	118923	39.710	ng	#	79
48) Acenaphthylene	14.71	152	627922	39.367	ng		97
49) Dimethylphthalate	14.42	163	532053	39.774	ng		98
50) 2,6-Dinitrotoluene	14.55	165	115087	40.272	ng	#	75
51) Acenaphthene	15.05	154	386121	38.584	ng		94
52) 3-Nitroaniline	14.88	138	110187	40.683	ng	#	78
53) 2,4-Dinitrophenol	15.09	184	65252	37.975	ng		89
54) Dibenzofuran	15.38	168	601665	39.340	ng		90
55) 4-Nitrophenol	15.18	139	80963	38.290	ng	#	65
56) 2,4-Dinitrotoluene	15.34	165	160100	40.523	ng	#	77
57) Fluorene	16.02	166	544707	39.861	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.60	232	153538	42.744	ng	#	88
59) Diethylphthalate	15.78	149	505744	38.999	ng		97
60) 4-Chlorophenyl-phenylether	16.01	204	307452	40.804	ng	#	88
61) 4-Nitroaniline	16.05	138	111284	38.434	ng	#	76
62) Azobenzene	16.30	77	394679	38.823	ng		93
64) 4,6-Dinitro-2-methylphenol	16.10	198	108555	41.186	ng		97
65) n-Nitrosodiphenylamine	16.22	169	459562	39.814	ng		98
66) 4-Bromophenyl-phenylether	16.90	248	203446	41.246	ng		94
67) Hexachlorobenzene	17.03	284	222424	41.381	ng	#	87
68) Atrazine	17.16	200	185092	41.807	ng		96
69) Pentachlorophenol	17.37	266	126045	39.476	ng		98
70) Phenanthrene	17.77	178	825453	39.909	ng		95
71) Anthracene	17.86	178	822013	39.908	ng		98
72) Carbazole	18.13	167	743900	40.122	ng	#	94
73) Di-n-butylphthalate	18.66	149	827758	40.632	ng	#	92
74) Fluoranthene	19.77	202	1016334	40.921	ng		94
76) Benzidine	19.94	184	370167	32.238	ng		99
77) Pyrene	20.13	202	1050897	39.970	ng		96
79) Butylbenzylphthalate	20.99	149	373454	39.540	ng		89
80) Benzo(a)anthracene	22.05	228	1076838	39.822	ng		95
81) 3,3'-Dichlorobenzidine	21.95	252	424640	39.936	ng		97
82) Chrysene	22.12	228	1024662	39.606	ng		97
83) Bis(2-ethylhexyl)phthalate	21.90	149	543712	39.543	ng		99
84) Di-n-octyl phthalate	23.21	149	935025	40.059	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.63	276	1230513	41.134	ng	#	93
87) Benzo(b)fluoranthene	24.46	252	1073261	40.495	ng		96
88) Benzo(k)fluoranthene	24.53	252	1071442	40.442	ng		96
89) Benzo(a)pyrene	25.42	252	1010807	40.436	ng		96
90) Dibenzo(a,h)anthracene	29.70	278	1016013	40.254	ng		99
91) Benzo(g,h,i)perylene	30.91	276	977352	40.178	ng	#	97

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

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