Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110117\
Data File : BG030638.D
Acq On : 1 Nov 2017 17:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 19:08:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76248	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	385983	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	252088	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	574579	20.00	ng		0.00
75) Chrysene-d12	21.79	240	603740	20.00	ng		0.00
86) Perylene-d12	25.10	264	622828	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	366173	80.23	ng		0.00
7) Phenol-d6	7.31	99	527405	82.32	ng		0.00
23) Nitrobenzene-d5	9.32	82	484390	79.75	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	265006	81.42	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1312628	76.37	ng		0.00
78) Terphenyl-d14	20.10	244	1896458	71.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	75774	40.918	ng		84
3) Pyridine	3.99	79	237429	44.027	ng		89
4) n-Nitrosodimethylamine	3.89	42	97128	38.530	ng	#	93
6) Aniline	7.48	93	328625	41.424	ng		92
8) 2-Chlorophenol	7.72	128	201768	38.567	ng		90
9) Benzaldehyde	7.29	77	147093	45.647	ng		89
10) Phenol	7.34	94	268250	38.838	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	205275	40.792	ng		90
12) 1,3-Dichlorobenzene	8.05	146	226242	38.518	ng		97
13) 1,4-Dichlorobenzene	8.19	146	231718	38.640	ng		94
14) 1,2-Dichlorobenzene	8.52	146	226626	39.180	ng		95
15) Benzyl Alcohol	8.39	79	193956	42.960	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	236205	27.639	ng		94
17) 2-Methylphenol	8.60	107	184076	40.119	ng		97
18) Hexachloroethane	9.25	117	80039	39.165	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	190851	43.812	ng	#	96
20) 3+4-Methylphenols	8.92	107	269105	41.625	ng		96
22) Acetophenone	8.98	105	355974	38.269	ng	#	92
24) Nitrobenzene	9.37	77	249545	36.540	ng	#	89
25) Isophorone	9.89	82	464815	36.657	ng	#	93
26) 2-Nitrophenol	10.08	139	129457	39.662	ng	#	86
27) 2,4-Dimethylphenol	10.13	122	200860	34.012	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	306906	39.472	ng		98
29) 2,4-Dichlorophenol	10.62	162	235796	37.443	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	263872	38.785	ng		96
31) Naphthalene	11.03	128	716884	37.267	ng		99
32) Benzoic acid	10.28	122	185221	37.458	ng		85
33) 4-Chloroaniline	11.13	127	321462	39.727	ng		94
34) Hexachlorobutadiene	11.31	225	166776	39.426	ng		97
35) Caprolactam	11.90	113	82561	39.447	ng	#	77
36) 4-Chloro-3-methylphenol	12.24	107	251968	36.379	ng	#	92
37) 2-Methylnaphthalene	12.62	142	556168	39.669	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	355907	38.670	ng		99
40) Hexachlorocyclopentadiene	12.96	237	152090	45.740	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	213237	36.907	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	232550	39.192	ng		95
45) 1,1'-Biphenyl	13.61	154	811433	37.449	ng		96
46) 2-Chloronaphthalene	13.66	162	587062	37.145	ng		96
47) 2-Nitroaniline	13.86	65	168334	38.777	ng	#	80
48) Acenaphthylene	14.50	152	947305	38.298	ng		99
49) Dimethylphthalate	14.22	163	754301	38.350	ng		99
50) 2,6-Dinitrotoluene	14.35	165	166028	40.267	ng	#	78
51) Acenaphthene	14.84	154	590961	36.720	ng		99
52) 3-Nitroaniline	14.68	138	173283	38.947	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	67699	33.977	ng	#	49
54) Dibenzofuran	15.17	168	904823	39.383	ng		100
55) 4-Nitrophenol	14.98	139	127535	34.770	ng	#	79
56) 2,4-Dinitrotoluene	15.13	165	224454	40.214	ng	#	74
57) Fluorene	15.82	166	710615	37.441	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	201592	40.722	ng	#	93
59) Diethylphthalate	15.57	149	750736	38.300	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	409272	40.445	ng		95
61) 4-Nitroaniline	15.83	138	176896	38.720	ng		82
62) Azobenzene	16.10	77	633770	38.342	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	131260	40.987	ng		83
65) n-Nitrosodiphenylamine	16.02	169	672148	39.051	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	256552	38.912	ng		98
67) Hexachlorobenzene	16.83	284	269072	36.029	ng		97
68) Atrazine	16.96	200	237062	38.600	ng		98
69) Pentachlorophenol	17.17	266	169381	39.481	ng		97
70) Phenanthrene	17.56	178	1097616	36.978	ng		97
71) Anthracene	17.65	178	1102169	36.979	ng		99
72) Carbazole	17.92	167	1021087	35.663	ng		99
73) Di-n-butylphthalate	18.46	149	1216748	36.950	ng		99
74) Fluoranthene	19.56	202	1316830	37.929	ng		96
76) Benzidine	19.73	184	335353	18.397	ng		98
77) Pyrene	19.92	202	1345957	36.751	ng		96
79) Butylbenzylphthalate	20.79	149	578111	37.051	ng		88
80) Benzo(a)anthracene	21.77	228	1361746	38.416	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	549583	37.563	ng		97
82) Chrysene	21.84	228	1279598	37.694	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	821800	36.699	ng		100
84) Di-n-octyl phthalate	22.89	149	1394960	35.743	ng		95
85) Indeno(1,2,3-cd)pyrene	28.91	276	1621347	38.822	ng		99
87) Benzo(b)fluoranthene	24.05	252	1388469	38.939	ng		100
88) Benzo(k)fluoranthene	24.12	252	1383278	38.939	ng		97
89) Benzo(a)pyrene	24.95	252	1317564	38.436	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	1383290	39.859	ng		98
91) Benzo(g,h,i)perylene	30.09	276	1316952	40.842	ng		98

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

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