Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
Data File : BG027866.D
Acq On : 7 Jul 2017 11:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 07 13:29:54 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	44750	20.00	ng		-0.05
21) Naphthalene-d8	11.25	136	203988	20.00	ng		-0.04
38) Acenaphthene-d10	15.03	164	137421	20.00	ng		-0.04
63) Phenanthrene-d10	17.78	188	373252	20.00	ng		-0.04
75) Chrysene-d12	22.13	240	452336	20.00	ng		-0.04
86) Perylene-d12	25.70	264	403306	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.00	112	220690	75.94	ng		-0.06
7) Phenol-d6	7.57	99	310386	69.91	ng		-0.04
23) Nitrobenzene-d5	9.60	82	291317	79.60	ng		-0.04
41) 2,4,6-Tribromophenol	16.51	330	155397	82.44	ng		-0.04
44) 2-Fluorobiphenyl	13.65	172	790065	82.11	ng		-0.04
78) Terphenyl-d14	20.36	244	1418711	73.53	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	42153	38.960	ng		97
3) Pyridine	4.37	79	121983	36.615	ng		95
4) n-Nitrosodimethylamine	4.27	42	66182	40.510	ng		83
6) Aniline	7.75	93	175094	34.025	ng		92
8) 2-Chlorophenol	7.99	128	114242	35.180	ng		91
9) Benzaldehyde	7.57	77	91586	34.669	ng		87
10) Phenol	7.60	94	154778	35.239	ng		83
11) bis(2-Chloroethyl)ether	7.83	93	124768	37.397	ng		85
12) 1,3-Dichlorobenzene	8.32	146	134265	38.871	ng	#	92
13) 1,4-Dichlorobenzene	8.46	146	138354	38.657	ng		94
14) 1,2-Dichlorobenzene	8.79	146	135491	39.044	ng		92
15) Benzyl Alcohol	8.66	79	55384	18.034	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.94	45	259465	36.461	ng		98
17) 2-Methylphenol	8.86	107	105612	33.987	ng	#	90
18) Hexachloroethane	9.52	117	44748	35.544	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	108675	33.647	ng		97
20) 3+4-Methylphenols	9.18	107	149072	33.266	ng		93
22) Acetophenone	9.24	105	189523	38.502	ng	#	93
24) Nitrobenzene	9.64	77	156990	41.032	ng	#	88
25) Isophorone	10.15	82	289793	36.329	ng	#	94
26) 2-Nitrophenol	10.35	139	68904	39.871	ng	#	81
27) 2,4-Dimethylphenol	10.39	122	119081	36.789	ng		91
28) bis(2-Chloroethoxy)methane	10.63	93	167987	37.145	ng		98
29) 2,4-Dichlorophenol	10.89	162	124561	43.911	ng		96
30) 1,2,4-Trichlorobenzene	11.10	180	137536	47.540	ng		98
31) Naphthalene	11.30	128	409287	37.729	ng		99
32) Benzoic acid	10.48	122	22665	18.204	ng	#	75
33) 4-Chloroaniline	11.41	127	157481	33.603	ng	#	89
34) Hexachlorobutadiene	11.57	225	87641	54.368	ng		99
35) Caprolactam	12.18	113	50923	35.691	ng		94
36) 4-Chloro-3-methylphenol	12.49	107	136934	34.306	ng	#	83
37) 2-Methylnaphthalene	12.88	142	315750	39.078	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	178957	49.557	ng		94
40) Hexachlorocyclopentadiene	13.21	237	84764	49.785	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	115959	44.461	ng		92
43) 2,4,5-Trichlorophenol	13.55	196	128604	43.517	ng	#	89
45) 1,1'-Biphenyl	13.86	154	418984	38.039	ng		97
46) 2-Chloronaphthalene	13.91	162	318873	38.323	ng		97
47) 2-Nitroaniline	14.12	65	117028	35.137	ng	#	82
48) Acenaphthylene	14.75	152	578379	38.040	ng		98
49) Dimethylphthalate	14.47	163	445581	38.009	ng		99
50) 2,6-Dinitrotoluene	14.59	165	100304	39.360	ng	#	76
51) Acenaphthene	15.09	154	369882	37.957	ng		94
52) 3-Nitroaniline	14.93	138	105973	35.348	ng	#	83
53) 2,4-Dinitrophenol	15.13	184	48501	39.536	ng		91
54) Dibenzofuran	15.42	168	518718	40.256	ng		92
55) 4-Nitrophenol	15.23	139	74380	32.501	ng	#	59
56) 2,4-Dinitrotoluene	15.38	165	146110m	41.106	ng		
57) Fluorene	16.07	166	503406	40.293	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.64	232	110785	43.487	ng	#	97
59) Diethylphthalate	15.81	149	468786	36.114	ng		98
60) 4-Chlorophenyl-phenylether	16.05	204	247315	44.717	ng		91
61) 4-Nitroaniline	16.10	138	116224	37.211	ng	#	68
62) Azobenzene	16.35	77	403373	35.363	ng		92
64) 4,6-Dinitro-2-methylphenol	16.14	198	85778	38.227	ng		94
65) n-Nitrosodiphenylamine	16.27	169	416180	34.276	ng		98
66) 4-Bromophenyl-phenylether	16.95	248	158770	40.670	ng		97
67) Hexachlorobenzene	17.08	284	158195	38.264	ng		94
68) Atrazine	17.21	200	151180	39.438	ng		96
69) Pentachlorophenol	17.42	266	84036	35.551	ng		98
70) Phenanthrene	17.82	178	809038	37.546	ng		96
71) Anthracene	17.91	178	821706	37.764	ng		98
72) Carbazole	18.18	167	814931	38.029	ng	#	95
73) Di-n-butylphthalate	18.70	149	835476	35.478	ng	#	94
74) Fluoranthene	19.81	202	1008884	42.841	ng		96
76) Benzidine	19.99	184	372638	35.506	ng		97
77) Pyrene	20.17	202	1046269	36.857	ng		97
79) Butylbenzylphthalate	21.04	149	388002	30.348	ng		91
80) Benzo(a)anthracene	22.10	228	1027518	37.572	ng		95
81) 3,3'-Dichlorobenzidine	22.01	252	370134	37.291	ng		99
82) Chrysene	22.18	228	966660	37.711	ng		98
83) Bis(2-ethylhexyl)phthalate	21.96	149	559896	29.967	ng		99
84) Di-n-octyl phthalate	23.29	149	945443	30.630	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.80	276	1065514	36.369	ng	#	99
87) Benzo(b)fluoranthene	24.55	252	1003990	38.640	ng	#	98
88) Benzo(k)fluoranthene	24.63	252	968028	37.690	ng	#	94
89) Benzo(a)pyrene	25.53	252	931976	38.225	ng	#	94
90) Dibenzo(a,h)anthracene	29.87	278	911755	36.914	ng	#	95
91) Benzo(g,h,i)perylene	31.10	276	889090	37.455	ng	#	91

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

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