Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
Data File : BG027676.D
Acq On : 26 Jun 2017 15:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 27 01:46:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	15747	20.00	ng		-0.02
21) Naphthalene-d8	11.30	136	73359	20.00	ng		-0.02
38) Acenaphthene-d10	15.08	164	45431	20.00	ng		-0.02
63) Phenanthrene-d10	17.83	188	131141	20.00	ng		-0.02
75) Chrysene-d12	22.19	240	158372	20.00	ng		-0.02
86) Perylene-d12	25.81	264	153757	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	90221	81.54	ng		-0.01
7) Phenol-d6	7.63	99	128395	78.39	ng		-0.02
23) Nitrobenzene-d5	9.65	82	131903	85.08	ng		-0.02
41) 2,4,6-Tribromophenol	16.56	330	72021	106.33	ng		-0.02
44) 2-Fluorobiphenyl	13.70	172	295824	88.95	ng		-0.02
78) Terphenyl-d14	20.40	244	612240	91.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.08	88	15588	36.29	ng		89
3) Pyridine	4.45	79	51346	36.92	ng		85
4) n-Nitrosodimethylamine	4.37	42	28333	44.64	ng	#	94
6) Aniline	7.81	93	78032	39.04	ng		97
8) 2-Chlorophenol	8.06	128	47918	40.93	ng		93
9) Benzaldehyde	7.64	77	42128	37.85	ng		92
10) Phenol	7.66	94	63946	38.32	ng		97
11) bis(2-Chloroethyl)ether	7.90	93	47615	36.46	ng		88
12) 1,3-Dichlorobenzene	8.38	146	50857	41.15	ng		96
13) 1,4-Dichlorobenzene	8.53	146	52619	42.17	ng		95
14) 1,2-Dichlorobenzene	8.85	146	50833	41.46	ng		97
15) Benzyl Alcohol	8.71	79	53433	40.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.00	45	65757	30.35	ng		88
17) 2-Methylphenol	8.91	107	43953	37.43	ng		93
18) Hexachloroethane	9.57	117	20200	41.29	ng	#	86
19) n-Nitroso-di-n-propylamine	9.28	70	47420	36.45	ng	#	92
20) 3+4-Methylphenols	9.23	107	61505	38.26	ng		94
22) Acetophenone	9.31	105	83394	41.45	ng	#	91
24) Nitrobenzene	9.69	77	69876	41.12	ng	#	88
25) Isophorone	10.21	82	124059	38.95	ng		97
26) 2-Nitrophenol	10.41	139	26394	41.99	ng		95
27) 2,4-Dimethylphenol	10.44	122	48980	41.26	ng		94
28) bis(2-Chloroethoxy)methane	10.68	93	67165	37.41	ng		99
29) 2,4-Dichlorophenol	10.94	162	45339	44.22	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	53541	45.68	ng		93
31) Naphthalene	11.36	128	166361	41.96	ng		98
32) Benzoic acid	10.55	122	23210	30.82	ng		93
33) 4-Chloroaniline	11.46	127	70116	41.70	ng		94
34) Hexachlorobutadiene	11.63	225	34544	48.76	ng		95
35) Caprolactam	12.23	113	20447	42.79	ng	#	76
36) 4-Chloro-3-methylphenol	12.54	107	64897	41.27	ng		96
37) 2-Methylnaphthalene	12.93	142	120982	41.99	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	67769	47.57	ng		98
40) Hexachlorocyclopentadiene	13.26	237	33761	44.21	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	40732	44.24	ng		96
43) 2,4,5-Trichlorophenol	13.59	196	46806	43.27	ng		99
45) 1,1'-Biphenyl	13.91	154	162087	42.79	ng		98
46) 2-Chloronaphthalene	13.96	162	123066	43.68	ng		92
47) 2-Nitroaniline	14.15	65	52248	41.31	ng		98
48) Acenaphthylene	14.80	152	210106	42.56	ng		97
49) Dimethylphthalate	14.51	163	173405	43.59	ng		97
50) 2,6-Dinitrotoluene	14.64	165	38169	44.22	ng		99
51) Acenaphthene	15.14	154	143437	41.70	ng		98
52) 3-Nitroaniline	14.98	138	41029	45.03	ng		91
53) 2,4-Dinitrophenol	15.17	184	15974	32.74	ng	#	79
54) Dibenzofuran	15.47	168	190790	42.58	ng		99
55) 4-Nitrophenol	15.26	139	31627	41.46	ng		97
56) 2,4-Dinitrotoluene	15.42	165	57529	47.00	ng	#	96
57) Fluorene	16.12	166	185226	43.65	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	44530	46.75	ng		91
59) Diethylphthalate	15.86	149	199516	45.97	ng		96
60) 4-Chlorophenyl-phenylether	16.10	204	91619	43.88	ng		93
61) 4-Nitroaniline	16.14	138	47652	47.67	ng		93
62) Azobenzene	16.39	77	177106	39.79	ng		97
64) 4,6-Dinitro-2-methylphenol	16.19	198	32165	38.62	ng		75
65) n-Nitrosodiphenylamine	16.31	169	159759	39.74	ng		99
66) 4-Bromophenyl-phenylether	17.00	248	62622	43.42	ng		95
67) Hexachlorobenzene	17.13	284	70222	45.56	ng		91
68) Atrazine	17.25	200	66079	44.87	ng		99
69) Pentachlorophenol	17.47	266	39006	40.74	ng		96
70) Phenanthrene	17.87	178	310624	41.64	ng		93
71) Anthracene	17.96	178	319586	42.55	ng		96
72) Carbazole	18.23	167	317292	43.36	ng		94
73) Di-n-butylphthalate	18.74	149	352851	43.03	ng		95
74) Fluoranthene	19.86	202	398283	45.82	ng		95
76) Benzidine	20.03	184	165570	42.60	ng		98
77) Pyrene	20.22	202	406871	42.26	ng		93
79) Butylbenzylphthalate	21.09	149	162398	40.42	ng		98
80) Benzo(a)anthracene	22.17	228	406681	42.80	ng		93
81) 3,3'-Dichlorobenzidine	22.06	252	153213	44.60	ng	#	96
82) Chrysene	22.24	228	379063	42.10	ng		94
83) Bis(2-ethylhexyl)phthalate	22.02	149	238881	40.56	ng		96
84) Di-n-octyl phthalate	23.37	149	397213	40.55	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.98	276	469616	45.77	ng	#	98
87) Benzo(b)fluoranthene	24.65	252	414691	42.18	ng		96
88) Benzo(k)fluoranthene	24.73	252	405026m	42.11	ng		
89) Benzo(a)pyrene	25.64	252	391443	42.19	ng		96
90) Dibenzo(a,h)anthracene	30.06	278	406699	43.04	ng		98
91) Benzo(g,h,i)perylene	31.30	276	389072	42.39	ng	#	97

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

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