Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
Data File : BG027422.D
Acq On : 14 Jun 2017 18:08
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/15/2017 3:57:07 PM

Quant Time: Jun 14 18:42:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:47:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	45622	20.00	ng		0.00
21) Naphthalene-d8	11.35	136	237417	20.00	ng		0.00
38) Acenaphthene-d10	15.11	164	155919	20.00	ng		0.00
63) Phenanthrene-d10	17.86	188	347591	20.00	ng		0.00
75) Chrysene-d12	22.24	240	435125	20.00	ng		0.00
86) Perylene-d12	25.90	264	391830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	531720	177.85	ng		0.00
7) Phenol-d6	7.67	99	823414	187.63	ng		0.00
23) Nitrobenzene-d5	9.70	82	780180	206.66	ng		0.00
41) 2,4,6-Tribromophenol	16.60	330	414863	202.06	ng		0.00
44) 2-Fluorobiphenyl	13.74	172	1707723	153.22	ng		0.00
78) Terphenyl-d14	20.44	244	2504739	146.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.12	88	106773	86.13	ng	#	86
3) Pyridine	4.50	79	356422	93.27	ng	#	80
4) n-Nitrosodimethylamine	4.41	42	142012	100.37	ng	#	56
6) Aniline	7.86	93	509725	92.23	ng		96
8) 2-Chlorophenol	8.09	128	282308	89.42	ng		95
9) Benzaldehyde	7.67	77	223651	73.71	ng		91
10) Phenol	7.69	94	420432	93.68	ng		80
11) bis(2-Chloroethyl)ether	7.94	93	329137	89.40	ng		91
12) 1,3-Dichlorobenzene	8.42	146	295247	82.92	ng		94
13) 1,4-Dichlorobenzene	8.56	146	302555	82.79	ng		99
14) 1,2-Dichlorobenzene	8.89	146	296596	83.21	ng		93
15) Benzyl Alcohol	8.76	79	306826	99.23	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.04	45	549980	104.40	ng		95
17) 2-Methylphenol	8.95	107	290865	91.69	ng	#	88
18) Hexachloroethane	9.62	117	113341	92.07	ng		86
19) n-Nitroso-di-n-propylamine	9.33	70	315380	102.73	ng	#	87
20) 3+4-Methylphenols	9.27	107	421456	95.91	ng		91
22) Acetophenone	9.35	105	520944	85.80	ng	#	86
24) Nitrobenzene	9.74	77	431998	100.44	ng	#	91
25) Isophorone	10.26	82	848453	95.58	ng	#	97
26) 2-Nitrophenol	10.45	139	177384	110.82	ng	#	81
27) 2,4-Dimethylphenol	10.49	122	335316	87.85	ng		94
28) bis(2-Chloroethoxy)methane	10.73	93	497868	86.62	ng		98
29) 2,4-Dichlorophenol	10.98	162	301091	86.41	ng		97
30) 1,2,4-Trichlorobenzene	11.20	180	310843	80.57	ng		97
31) Naphthalene	11.40	128	1046186	80.63	ng		100
32) Benzoic acid	10.64	122	240430	103.18	ng		91
33) 4-Chloroaniline	11.50	127	464203	85.85	ng		92
34) Hexachlorobutadiene	11.67	225	192478	81.17	ng		98
35) Caprolactam	12.29	113	133094m	111.37	ng		
36) 4-Chloro-3-methylphenol	12.58	107	411048	94.12	ng		95
37) 2-Methylnaphthalene	12.96	142	762885	80.60	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.32	216	393768	81.07	ng		99
40) Hexachlorocyclopentadiene	13.30	237	229083	88.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.55	196	269399	91.44	ng		96
43) 2,4,5-Trichlorophenol	13.63	196	302585	91.78	ng		96
45) 1,1'-Biphenyl	13.95	154	1007103	79.13	ng		96
46) 2-Chloronaphthalene	14.00	162	779497	81.69	ng		98
47) 2-Nitroaniline	14.19	65	319406	130.11	ng		89
48) Acenaphthylene	14.84	152	1325809	82.10	ng		99
49) Dimethylphthalate	14.56	163	1017861	82.29	ng		97
50) 2,6-Dinitrotoluene	14.68	165	234006	101.56	ng	#	81
51) Acenaphthene	15.18	154	895368	85.24	ng		98
52) 3-Nitroaniline	15.02	138	243552	100.29	ng		91
53) 2,4-Dinitrophenol	15.21	184	134312	148.76	ng		94
54) Dibenzofuran	15.51	168	1174054	79.98	ng		96
55) 4-Nitrophenol	15.30	139	202266	100.29	ng	#	61
56) 2,4-Dinitrotoluene	15.46	165	321032	110.48	ng	#	90
57) Fluorene	16.16	166	1057050	81.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.73	232	261451	88.84	ng		97
59) Diethylphthalate	15.90	149	1043225	84.56	ng		98
60) 4-Chlorophenyl-phenylether	16.14	204	544614	82.93	ng		95
61) 4-Nitroaniline	16.18	138	259682	105.75	ng	#	72
62) Azobenzene	16.43	77	1069286	93.51	ng		90
64) 4,6-Dinitro-2-methylphenol	16.23	198	188250	132.61	ng		88
65) n-Nitrosodiphenylamine	16.35	169	912530	83.74	ng		99
66) 4-Bromophenyl-phenylether	17.04	248	358388	87.12	ng		97
67) Hexachlorobenzene	17.16	284	394178	89.08	ng		92
68) Atrazine	17.29	200	318411	87.38	ng		97
69) Pentachlorophenol	17.50	266	238540	91.97	ng		95
70) Phenanthrene	17.91	178	1556346	79.58	ng		98
71) Anthracene	18.00	178	1584209	80.86	ng		99
72) Carbazole	18.26	167	1539549	83.31	ng		99
73) Di-n-butylphthalate	18.79	149	1683830	93.97	ng	#	96
74) Fluoranthene	19.90	202	1812493	86.76	ng		94
76) Benzidine	20.06	184	818939	62.48	ng		99
77) Pyrene	20.26	202	1859097	70.71	ng		99
79) Butylbenzylphthalate	21.14	149	835521	89.94	ng		96
80) Benzo(a)anthracene	22.22	228	1990079	80.20	ng		99
81) 3,3'-Dichlorobenzidine	22.12	252	807769	83.68	ng		98
82) Chrysene	22.30	228	1883571	79.06	ng		99
83) Bis(2-ethylhexyl)phthalate	22.07	149	1210287	86.21	ng		98
84) Di-n-octyl phthalate	23.43	149	2013092	86.58	ng	#	92
85) Indeno(1,2,3-cd)pyrene	30.13	276	2501674	86.71	ng	#	93
87) Benzo(b)fluoranthene	24.73	252	2102613	86.52	ng	#	97
88) Benzo(k)fluoranthene	24.81	252	2060857	86.44	ng	#	95
89) Benzo(a)pyrene	25.73	252	1995399	87.23	ng	#	95
90) Dibenzo(a,h)anthracene	30.20	278	2182215	91.13	ng	#	94
91) Benzo(g,h,i)perylene	31.46	276	2054452	88.59	ng	#	90

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

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