Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027222.D
Acq On : 5 Jun 2017 21:13
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:12 PM

Quant Time: Jun 06 05:15:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	59926	20.00	ng		0.00
21) Naphthalene-d8	11.39	136	283886	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	175450	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	372513	20.00	ng		0.00
75) Chrysene-d12	22.30	240	429309	20.00	ng		0.00
86) Perylene-d12	26.00	264	399998	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	322944	82.24	ng		0.00
7) Phenol-d6	7.70	99	473748	82.18	ng		0.00
23) Nitrobenzene-d5	9.73	82	401083	88.85	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	193145	83.60	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	1034677	82.50	ng		0.00
78) Terphenyl-d14	20.49	244	1343309	79.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	63352	38.91	ng	#	79
3) Pyridine	4.55	79	202643	40.37	ng	#	72
4) n-Nitrosodimethylamine	4.46	42	76741	41.29	ng	#	50
6) Aniline	7.90	93	294465	40.56	ng	#	90
8) 2-Chlorophenol	8.14	128	170054	41.01	ng		88
9) Benzaldehyde	7.72	77	158907	39.87	ng		78
10) Phenol	7.73	94	237802	40.34	ng	#	75
11) bis(2-Chloroethyl)ether	7.98	93	193917	40.10	ng		85
12) 1,3-Dichlorobenzene	8.47	146	188575	40.32	ng	#	90
13) 1,4-Dichlorobenzene	8.61	146	194590	40.54	ng		93
14) 1,2-Dichlorobenzene	8.93	146	187353	40.02	ng		92
15) Benzyl Alcohol	8.80	79	164719	40.55	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	9.08	45	273710	39.55	ng		91
17) 2-Methylphenol	8.98	107	168385	40.41	ng	#	85
18) Hexachloroethane	9.66	117	66885	41.37	ng		88
19) n-Nitroso-di-n-propylamine	9.37	70	157488	39.05	ng		86
20) 3+4-Methylphenols	9.31	107	235606	40.82	ng		90
22) Acetophenone	9.39	105	299174	41.21	ng	#	82
24) Nitrobenzene	9.78	77	222768	43.32	ng	#	85
25) Isophorone	10.30	82	430949	40.60	ng	#	95
26) 2-Nitrophenol	10.49	139	90094	43.32	ng	#	73
27) 2,4-Dimethylphenol	10.53	122	189876	41.61	ng		92
28) bis(2-Chloroethoxy)methane	10.77	93	281064	40.89	ng		100
29) 2,4-Dichlorophenol	11.02	162	175949	42.23	ng		98
30) 1,2,4-Trichlorobenzene	11.24	180	189807	41.14	ng		99
31) Naphthalene	11.44	128	628897	40.53	ng		99
32) Benzoic acid	10.65	122	124572	40.89	ng	#	81
33) 4-Chloroaniline	11.54	127	260407	40.28	ng	#	87
34) Hexachlorobutadiene	11.72	225	115314	40.67	ng		97
35) Caprolactam	12.32	113	57383	40.16	ng	#	73
36) 4-Chloro-3-methylphenol	12.61	107	211486	40.50	ng		90
37) 2-Methylnaphthalene	13.01	142	453522m	40.07	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	228896	41.88	ng		98
40) Hexachlorocyclopentadiene	13.34	237	122617	42.15	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	142057	42.85	ng		95
43) 2,4,5-Trichlorophenol	13.66	196	158789	42.80	ng		92
45) 1,1'-Biphenyl	13.99	154	589173	41.14	ng		98
46) 2-Chloronaphthalene	14.04	162	445610	41.50	ng		98
47) 2-Nitroaniline	14.23	65	122857	41.34	ng	#	79
48) Acenaphthylene	14.88	152	749341	41.24	ng		98
49) Dimethylphthalate	14.59	163	551373	39.62	ng		98
50) 2,6-Dinitrotoluene	14.71	165	116622	42.04	ng	#	77
51) Acenaphthene	15.22	154	484829	41.02	ng		100
52) 3-Nitroaniline	15.05	138	116896	40.43	ng		90
53) 2,4-Dinitrophenol	15.24	184	50473	46.49	ng	#	8
54) Dibenzofuran	15.55	168	662657	40.12	ng		92
55) 4-Nitrophenol	15.32	139	97251	40.28	ng	#	55
56) 2,4-Dinitrotoluene	15.50	165	147615	41.85	ng	#	85
57) Fluorene	16.20	166	580672	39.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	139112	42.01	ng		99
59) Diethylphthalate	15.94	149	537471	38.72	ng		97
60) 4-Chlorophenyl-phenylether	16.18	204	294755	39.89	ng		91
61) 4-Nitroaniline	16.21	138	118553	40.55	ng	#	65
62) Azobenzene	16.47	77	510406	39.67	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	78233	47.48	ng		91
65) n-Nitrosodiphenylamine	16.39	169	492700	42.19	ng		98
66) 4-Bromophenyl-phenylether	17.08	248	185419	42.06	ng		97
67) Hexachlorobenzene	17.20	284	199134	41.99	ng		90
68) Atrazine	17.33	200	164587	42.14	ng		96
69) Pentachlorophenol	17.54	266	116443	41.89	ng		98
70) Phenanthrene	17.95	178	856931	40.89	ng		95
71) Anthracene	18.04	178	868861	41.38	ng		99
72) Carbazole	18.30	167	818849	41.35	ng		95
73) Di-n-butylphthalate	18.84	149	826607	43.04	ng	#	94
74) Fluoranthene	19.94	202	947853	42.33	ng		95
76) Benzidine	20.10	184	501328	38.77	ng		98
77) Pyrene	20.30	202	983451	37.91	ng		97
79) Butylbenzylphthalate	21.19	149	373329	40.73	ng		93
80) Benzo(a)anthracene	22.28	228	1002990	40.97	ng		97
81) 3,3'-Dichlorobenzidine	22.17	252	395418	41.52	ng		98
82) Chrysene	22.36	228	963889	41.01	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	551047	39.78	ng		99
84) Di-n-octyl phthalate	23.54	149	919855	40.10	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.29	276	1158852	40.71	ng	#	93
87) Benzo(b)fluoranthene	24.82	252	1017865	41.03	ng	#	97
88) Benzo(k)fluoranthene	24.90	252	1024031	42.08	ng	#	93
89) Benzo(a)pyrene	25.83	252	959200	41.07	ng	#	95
90) Dibenzo(a,h)anthracene	30.37	278	1020040	41.73	ng	#	96
91) Benzo(g,h,i)perylene	31.63	276	971471	41.03	ng	#	90

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

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