Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027744.D
Acq On : 29 Jun 2017 17:15
Operator : SJ/JU
Sample : PB100228BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100228BS

Manual Integrations APPROVED
mohammad
6/30/2017 2:50:39 PM

Quant Time: Jun 30 05:25:46 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	8.47	152	32826	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	159714	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	100810	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	260108	20.00	ng		0.00
75) Chrysene-d12	22.18	240	287912	20.00	ng		0.00
86) Perylene-d12	25.78	264	269103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	297769	139.69	ng		0.00
7) Phenol-d6	7.62	99	425292	130.60	ng		0.00
23) Nitrobenzene-d5	9.64	82	243107	84.85	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	201939	146.04	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	612960	86.84	ng		0.00
78) Terphenyl-d14	20.39	244	1093075	89.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	27668	34.86	ng	#	91
3) Pyridine	4.43	79	86170	35.26	ng		95
4) n-Nitrosodimethylamine	4.34	42	46026	38.41	ng	#	71
6) Aniline	7.80	93	98674	26.14	ng		95
8) 2-Chlorophenol	8.05	128	108445	45.53	ng		90
9) Benzaldehyde	7.62	77	48874	25.22	ng		87
10) Phenol	7.65	94	145668	45.21	ng		82
11) bis(2-Chloroethyl)ether	7.88	93	92593	37.83	ng		98
12) 1,3-Dichlorobenzene	8.37	146	101686	40.13	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	105930	40.35	ng		97
14) 1,2-Dichlorobenzene	8.83	146	101571	39.90	ng		94
15) Benzyl Alcohol	8.70	79	86994	38.62	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	209609	40.15	ng		97
17) 2-Methylphenol	8.90	107	98811	43.35	ng	#	87
18) Hexachloroethane	9.57	117	36973	40.04	ng	#	81
19) n-Nitroso-di-n-propylamine	9.27	70	86835	36.65	ng	#	95
20) 3+4-Methylphenols	9.22	107	134901	41.04	ng		87
22) Acetophenone	9.29	105	157564	40.88	ng		90
24) Nitrobenzene	9.68	77	123083	41.09	ng	#	85
25) Isophorone	10.20	82	239872	38.41	ng	#	96
26) 2-Nitrophenol	10.40	139	57605	42.57	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	118038	46.58	ng		86
28) bis(2-Chloroethoxy)methane	10.67	93	138639	39.15	ng		99
29) 2,4-Dichlorophenol	10.93	162	104651	47.12	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	94767	41.84	ng	#	95
31) Naphthalene	11.35	128	343510	40.44	ng		98
32) Benzoic acid	10.55	122	50585	35.49	ng	#	84
33) 4-Chloroaniline	11.45	127	18829	5.13	ng	#	88
34) Hexachlorobutadiene	11.62	225	54405	43.11	ng		99
35) Caprolactam	12.21	113	45725m	40.93	ng		
36) 4-Chloro-3-methylphenol	12.53	107	139635	44.68	ng		93
37) 2-Methylnaphthalene	12.92	142	255843m	40.44	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	110125	41.57	ng	#	98
40) Hexachlorocyclopentadiene	13.25	237	144512	115.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	86094	45.00	ng		94
43) 2,4,5-Trichlorophenol	13.58	196	99014	45.67	ng		93
45) 1,1'-Biphenyl	13.90	154	342281	42.36	ng		98
46) 2-Chloronaphthalene	13.95	162	255644	41.88	ng		99
47) 2-Nitroaniline	14.14	65	106782	43.70	ng	#	86
48) Acenaphthylene	14.79	152	445485	39.94	ng		97
49) Dimethylphthalate	14.50	163	368204	42.82	ng		97
50) 2,6-Dinitrotoluene	14.63	165	79745	42.66	ng		84
51) Acenaphthene	15.13	154	280375	39.22	ng		95
52) 3-Nitroaniline	14.97	138	43357	19.71	ng		80
53) 2,4-Dinitrophenol	15.17	184	91547	88.24	ng		91
54) Dibenzofuran	15.46	168	419438	44.37	ng		97
55) 4-Nitrophenol	15.26	139	161416	96.15	ng	#	56
56) 2,4-Dinitrotoluene	15.41	165	117666	45.13	ng		92
57) Fluorene	16.11	166	373847	40.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	90785m	48.58	ng		
59) Diethylphthalate	15.85	149	413306	43.40	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	170794	42.10	ng		95
61) 4-Nitroaniline	16.13	138	102771	44.85	ng	#	65
62) Azobenzene	16.38	77	384541	45.96	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	66247	41.72	ng		80
65) n-Nitrosodiphenylamine	16.31	169	344530	40.72	ng		98
66) 4-Bromophenyl-phenylether	16.99	248	113699	41.79	ng		92
67) Hexachlorobenzene	17.11	284	119762	41.57	ng		94
68) Atrazine	17.24	200	121880	45.62	ng		94
69) Pentachlorophenol	17.46	266	150053	81.45	ng		96
70) Phenanthrene	17.86	178	627089	41.76	ng		94
71) Anthracene	17.95	178	636758	41.99	ng		97
72) Carbazole	18.22	167	589527	39.48	ng		97
73) Di-n-butylphthalate	18.73	149	751679	45.80	ng	#	94
74) Fluoranthene	19.85	202	730889	44.54	ng		93
76) Benzidine	20.02	184	308020	45.15	ng		95
77) Pyrene	20.21	202	746787	41.33	ng		96
79) Butylbenzylphthalate	21.08	149	351314	43.17	ng	#	87
80) Benzo(a)anthracene	22.15	228	723886	41.59	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	139988	22.16	ng	#	97
82) Chrysene	22.23	228	674103	41.32	ng		96
83) Bis(2-ethylhexyl)phthalate	22.01	149	505475	42.51	ng	#	96
84) Di-n-octyl phthalate	23.34	149	861873	43.87	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.95	276	811944	43.54	ng	#	92
87) Benzo(b)fluoranthene	24.63	252	719304	41.49	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	693600	40.47	ng	#	92
89) Benzo(a)pyrene	25.61	252	681215	41.87	ng	#	93
90) Dibenzo(a,h)anthracene	30.01	278	684267	41.52	ng	#	94
91) Benzo(g,h,i)perylene	31.25	276	649584	41.01	ng	#	87

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

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