Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
Data File : BG027795.D
Acq On : 1 Jul 2017 22:42
Operator : SJ/JU
Sample : PB100363BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100363BS

Manual Integrations APPROVED
mohammad
7/5/2017 11:31:49 AM

Quant Time: Jul 03 07:21:32 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	8.48	152	30098	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	155017	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	103589	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	251761	20.00	ng		0.00
75) Chrysene-d12	22.18	240	265309	20.00	ng		0.00
86) Perylene-d12	25.79	264	258409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	243878	124.78	ng		0.00
7) Phenol-d6	7.62	99	349368	117.01	ng		0.00
23) Nitrobenzene-d5	9.64	82	207675	74.68	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	207969	146.37	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	603904	83.26	ng		0.00
78) Terphenyl-d14	20.39	244	980508	86.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	18520	25.450	ng		95
3) Pyridine	4.43	79	57891	25.836	ng		92
4) n-Nitrosodimethylamine	4.34	42	36099	32.853	ng		82
6) Aniline	7.80	93	79974	23.106	ng		97
8) 2-Chlorophenol	8.05	128	91758	42.012	ng		88
9) Benzaldehyde	7.62	77	35790	20.143	ng		83
10) Phenol	7.65	94	118591	40.144	ng		83
11) bis(2-Chloroethyl)ether	7.88	93	74038	32.995	ng		98
12) 1,3-Dichlorobenzene	8.37	146	84926	36.556	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	87381	36.300	ng		96
14) 1,2-Dichlorobenzene	8.83	146	86246	36.952	ng		95
15) Benzyl Alcohol	8.70	79	79616	38.544	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.99	45	166525	34.793	ng		98
17) 2-Methylphenol	8.90	107	82529	39.487	ng	#	87
18) Hexachloroethane	9.57	117	29879	35.287	ng		86
19) n-Nitroso-di-n-propylamine	9.27	70	70783	32.584	ng		93
20) 3+4-Methylphenols	9.22	107	113922	37.798	ng		86
22) Acetophenone	9.30	105	133287	35.632	ng	#	88
24) Nitrobenzene	9.68	77	102224	35.159	ng	#	82
25) Isophorone	10.20	82	207638	34.253	ng	#	96
26) 2-Nitrophenol	10.40	139	49701	37.844	ng	#	80
27) 2,4-Dimethylphenol	10.44	122	101832	41.399	ng		91
28) bis(2-Chloroethoxy)methane	10.67	93	115667	33.656	ng		96
29) 2,4-Dichlorophenol	10.93	162	95203	44.164	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	85731	38.995	ng		92
31) Naphthalene	11.35	128	302292	36.669	ng		98
32) Benzoic acid	10.56	122	40891	31.039	ng	#	76
33) 4-Chloroaniline	11.45	127	26165	7.347	ng	#	89
34) Hexachlorobutadiene	11.62	225	52375	42.755	ng		96
35) Caprolactam	12.22	113	39533m	36.461	ng		
36) 4-Chloro-3-methylphenol	12.53	107	124695	41.108	ng		92
37) 2-Methylnaphthalene	12.92	142	233694	38.060	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	111475	40.952	ng		98
40) Hexachlorocyclopentadiene	13.25	237	140581	109.536	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	81605	41.508	ng		97
43) 2,4,5-Trichlorophenol	13.58	196	93049	41.769	ng		97
45) 1,1'-Biphenyl	13.90	154	317140	38.196	ng		98
46) 2-Chloronaphthalene	13.95	162	240762	38.385	ng		97
47) 2-Nitroaniline	14.15	65	92762	36.948	ng	#	82
48) Acenaphthylene	14.79	152	419815	36.629	ng		98
49) Dimethylphthalate	14.50	163	342109	38.714	ng		97
50) 2,6-Dinitrotoluene	14.63	165	77163	40.169	ng	#	80
51) Acenaphthene	15.13	154	256300	34.891	ng		97
52) 3-Nitroaniline	14.97	138	40789	18.049	ng		81
53) 2,4-Dinitrophenol	15.17	184	83119	78.966	ng		94
54) Dibenzofuran	15.46	168	405038	41.700	ng		97
55) 4-Nitrophenol	15.26	139	127101	73.676	ng	#	62
56) 2,4-Dinitrotoluene	15.41	165	110983	41.421	ng	#	86
57) Fluorene	16.11	166	354633	37.656	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	88683m	46.181	ng		
59) Diethylphthalate	15.85	149	383446	39.187	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	169973	40.770	ng		94
61) 4-Nitroaniline	16.13	138	86679	36.816	ng	#	70
62) Azobenzene	16.38	77	343365	39.934	ng		94
64) 4,6-Dinitro-2-methylphenol	16.18	198	61546	40.282	ng		80
65) n-Nitrosodiphenylamine	16.31	169	317363	38.751	ng		96
66) 4-Bromophenyl-phenylether	16.99	248	115279	43.779	ng		94
67) Hexachlorobenzene	17.12	284	119993	43.029	ng		96
68) Atrazine	17.24	200	114174	44.157	ng		97
69) Pentachlorophenol	17.46	266	139444	78.450	ng		98
70) Phenanthrene	17.86	178	568636	39.124	ng		94
71) Anthracene	17.95	178	571751	38.956	ng		96
72) Carbazole	18.22	167	497806	34.440	ng		96
73) Di-n-butylphthalate	18.73	149	634993	39.977	ng	#	93
74) Fluoranthene	19.85	202	625883	39.402	ng		94
76) Benzidine	20.02	184	196834	32.296	ng		96
77) Pyrene	20.21	202	642161	38.568	ng		95
79) Butylbenzylphthalate	21.08	149	287588	38.351	ng	#	87
80) Benzo(a)anthracene	22.15	228	620583	38.689	ng		94
81) 3,3'-Dichlorobenzidine	22.05	252	129317	22.213	ng	#	96
82) Chrysene	22.23	228	576993	38.377	ng		94
83) Bis(2-ethylhexyl)phthalate	22.01	149	412282	37.622	ng	#	96
84) Di-n-octyl phthalate	23.35	149	705598	38.974	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.95	276	723720	42.117	ng	#	72
87) Benzo(b)fluoranthene	24.63	252	643267	38.639	ng	#	96
88) Benzo(k)fluoranthene	24.71	252	613103	37.256	ng	#	93
89) Benzo(a)pyrene	25.62	252	611481	39.143	ng	#	94
90) Dibenzo(a,h)anthracene	30.02	278	610506	38.577	ng	#	95
91) Benzo(g,h,i)perylene	31.26	276	588527	38.696	ng	#	91

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

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