Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027245.D
Acq On : 6 Jun 2017 12:18
Operator : SJ/MA
Sample : I3436-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-09-COMPMSD

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:20 AM

Quant Time: Jun 06 18:35:57 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	50893	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	252362	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	168017	20.00	ng		0.00
63) Phenanthrene-d10	17.90	188	394675	20.00	ng		-0.01
75) Chrysene-d12	22.30	240	448392	20.00	ng		-0.01
86) Perylene-d12	25.99	264	415638	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	562018	168.51	ng		0.00
7) Phenol-d6	7.70	99	793465	162.08	ng		0.00
23) Nitrobenzene-d5	9.73	82	440969	109.89	ng		0.00
41) 2,4,6-Tribromophenol	16.63	330	358302	161.95	ng		-0.01
44) 2-Fluorobiphenyl	13.78	172	1057717	88.07	ng		-0.01
78) Terphenyl-d14	20.48	244	1525122	86.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	51599	37.312	ng	#	79
3) Pyridine	4.54	79	154150	36.160	ng	#	71
4) n-Nitrosodimethylamine	4.45	42	69503	44.033	ng	#	53
6) Aniline	7.90	93	110951	17.997	ng	#	89
8) 2-Chlorophenol	8.13	128	182623	51.857	ng		89
9) Benzaldehyde	7.71	77	104625	30.909	ng		82
10) Phenol	7.73	94	275354	54.999	ng	#	75
11) bis(2-Chloroethyl)ether	7.97	93	173800	42.316	ng		83
12) 1,3-Dichlorobenzene	8.46	146	168874m	42.515	ng		
13) 1,4-Dichlorobenzene	8.60	146	171984	42.189	ng		98
14) 1,2-Dichlorobenzene	8.92	146	168253	42.317	ng		90
15) Benzyl Alcohol	8.79	79	177239	51.382	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	256500	43.646	ng		90
17) 2-Methylphenol	8.98	107	175623	49.626	ng	#	86
18) Hexachloroethane	9.66	117	59959	43.664	ng		86
19) n-Nitroso-di-n-propylamine	9.36	70	150932	44.070	ng	#	84
20) 3+4-Methylphenols	9.31	107	243162	49.602	ng		89
22) Acetophenone	9.39	105	279696	43.338	ng	#	82
24) Nitrobenzene	9.78	77	213693	46.743	ng	#	84
25) Isophorone	10.30	82	416920	44.185	ng	#	95
26) 2-Nitrophenol	10.49	139	96594	50.764	ng	#	74
27) 2,4-Dimethylphenol	10.52	122	199532	49.182	ng		90
28) bis(2-Chloroethoxy)methane	10.76	93	267294	43.749	ng		99
29) 2,4-Dichlorophenol	11.02	162	191113	51.601	ng		98
30) 1,2,4-Trichlorobenzene	11.24	180	174723	42.605	ng		95
31) Naphthalene	11.44	128	571348	41.425	ng		99
32) Benzoic acid	10.59	122	23495	14.997	ng	#	86
33) 4-Chloroaniline	11.54	127	44219	7.694	ng	#	88
34) Hexachlorobutadiene	11.71	225	103509	41.068	ng		98
35) Caprolactam	12.31	113	71278m	56.114	ng		
36) 4-Chloro-3-methylphenol	12.61	107	232014	49.981	ng		93
37) 2-Methylnaphthalene	13.00	142	430182m	42.758	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	210731	40.260	ng		99
40) Hexachlorocyclopentadiene	13.34	237	256104	91.930	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	155925	49.114	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	168756	47.503	ng		96
45) 1,1'-Biphenyl	13.99	154	574806	41.913	ng		96
46) 2-Chloronaphthalene	14.04	162	436338	42.437	ng		99
47) 2-Nitroaniline	14.23	65	145203	49.423	ng	#	78
48) Acenaphthylene	14.88	152	706878	40.622	ng		97
49) Dimethylphthalate	14.59	163	828053	62.127	ng		98
50) 2,6-Dinitrotoluene	14.71	165	125924	46.681	ng	#	73
51) Acenaphthene	15.22	154	497429	43.947	ng		100
52) 3-Nitroaniline	15.04	138	40216	18.188	ng		83
53) 2,4-Dinitrophenol	15.24	184	102763	79.150	ng		92
54) Dibenzofuran	15.55	168	704632	44.548	ng		92
55) 4-Nitrophenol	15.32	139	231997	91.219	ng	#	55
56) 2,4-Dinitrotoluene	15.49	165	172213	49.465	ng	#	88
57) Fluorene	16.19	166	572625	40.759	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	165412	52.159	ng		99
59) Diethylphthalate	15.94	149	596919	44.900	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	295194	41.712	ng		95
61) 4-Nitroaniline	16.21	138	133003	46.490	ng	#	66
62) Azobenzene	16.47	77	582213	47.251	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	95841	52.756	ng		93
65) n-Nitrosodiphenylamine	16.39	169	522223	42.205	ng		99
66) 4-Bromophenyl-phenylether	17.07	248	197748	42.333	ng		97
67) Hexachlorobenzene	17.20	284	208356	41.469	ng		92
68) Atrazine	17.33	200	194187	46.931	ng		98
69) Pentachlorophenol	17.54	266	268605	91.204	ng		97
70) Phenanthrene	17.94	178	930831	41.919	ng		96
71) Anthracene	18.04	178	938962	42.208	ng		98
72) Carbazole	18.29	167	839304	40.001	ng		95
73) Di-n-butylphthalate	18.83	149	1003462	49.320	ng	#	94
74) Fluoranthene	19.93	202	1050859	44.299	ng		95
76) Benzidine	20.10	184	283772	21.009	ng		97
77) Pyrene	20.30	202	1078623	39.813	ng		97
79) Butylbenzylphthalate	21.19	149	444095	46.391	ng		91
80) Benzo(a)anthracene	22.27	228	1074908	42.036	ng		95
81) 3,3'-Dichlorobenzidine	22.16	252	181937	18.289	ng	#	96
82) Chrysene	22.35	228	999298	40.704	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	646780	44.708	ng		99
84) Di-n-octyl phthalate	23.52	149	1097565	45.808	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1262281	42.455	ng	#	93
87) Benzo(b)fluoranthene	24.81	252	1077414	41.797	ng	#	96
88) Benzo(k)fluoranthene	24.89	252	1070832	42.344	ng	#	93
89) Benzo(a)pyrene	25.82	252	1038110	42.780	ng	#	95
90) Dibenzo(a,h)anthracene	30.35	278	1085681	42.740	ng	#	95
91) Benzo(g,h,i)perylene	31.61	276	1029090	41.831	ng	#	90

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

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