Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061017\
Data File : BG027371.D
Acq On : 10 Jun 2017 14:29
Operator : SJ/MA
Sample : I3566-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 01:59:38 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

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP(0-10)MSD

Manual Integrations APPROVED
mohammad
6/13/2017 10:16:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	50883	20.00	ng		-0.03
21) Naphthalene-d8	11.36	136	225639	20.00	ng		-0.04
38) Acenaphthene-d10	15.12	164	138537	20.00	ng		-0.04
63) Phenanthrene-d10	17.87	188	333872	20.00	ng		-0.04
75) Chrysene-d12	22.26	240	406360	20.00	ng		-0.05
86) Perylene-d12	25.93	264	381573	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	457573	137.22	ng		-0.02
7) Phenol-d6	7.69	99	644702	131.72	ng		-0.02
23) Nitrobenzene-d5	9.71	82	354401	98.78	ng		-0.04
41) 2,4,6-Tribromophenol	16.61	330	265502	145.54	ng		-0.04
44) 2-Fluorobiphenyl	13.75	172	769642	77.72	ng		-0.04
78) Terphenyl-d14	20.45	244	1305202	81.94	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	4.15	88	52626	38.062	ng	#	87
3) Pyridine	4.53	79	154144	36.165	ng	#	78
4) n-Nitrosodimethylamine	4.44	42	73258	46.421	ng	#	58
6) Aniline	7.87	93	231315	37.527	ng		96
8) 2-Chlorophenol	8.11	128	152885	43.421	ng		94
9) Benzaldehyde	7.69	77	73855	21.823	ng		92
10) Phenol	7.71	94	245163	48.979	ng		79
11) bis(2-Chloroethyl)ether	7.95	93	163037	39.703	ng		89
12) 1,3-Dichlorobenzene	8.44	146	149675	37.689	ng		96
13) 1,4-Dichlorobenzene	8.58	146	152387	37.389	ng		99
14) 1,2-Dichlorobenzene	8.90	146	145061	36.491	ng		93
15) Benzyl Alcohol	8.77	79	141585	41.054	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	9.05	45	270649	46.063	ng		93
17) 2-Methylphenol	8.96	107	148194	41.883	ng	#	88
18) Hexachloroethane	9.63	117	54852	39.953	ng	#	84
19) n-Nitroso-di-n-propylamine	9.33	70	141521	41.330	ng	#	87
20) 3+4-Methylphenols	9.28	107	202728	41.362	ng		89
22) Acetophenone	9.36	105	244345	42.345	ng	#	87
24) Nitrobenzene	9.75	77	190028	46.490	ng	#	89
25) Isophorone	10.27	82	379226	44.950	ng	#	97
26) 2-Nitrophenol	10.46	139	74325	44.690	ng	#	82
27) 2,4-Dimethylphenol	10.49	122	161985	44.656	ng		92
28) bis(2-Chloroethoxy)methane	10.74	93	229611	42.032	ng		99
29) 2,4-Dichlorophenol	10.99	162	144945	43.770	ng		96
30) 1,2,4-Trichlorobenzene	11.21	180	142348	38.821	ng		98
31) Naphthalene	11.41	128	478075	38.767	ng		99
33) 4-Chloroaniline	11.51	127	122366	23.813	ng	#	91
34) Hexachlorobutadiene	11.68	225	85574	37.973	ng		98
35) Caprolactam	12.27	113	59662m	52.532	ng		
36) 4-Chloro-3-methylphenol	12.58	107	190901	45.995	ng		96
37) 2-Methylnaphthalene	12.97	142	343656	38.203	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	165506	38.349	ng		99
40) Hexachlorocyclopentadiene	13.31	237	217707	94.776	ng		96
42) 2,4,6-Trichlorophenol	13.56	196	119253	45.557	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.63	196	127309	43.461	ng		96
45) 1,1'-Biphenyl	13.95	154	447505	39.575	ng		96
46) 2-Chloronaphthalene	14.01	162	344180	40.597	ng		98
47) 2-Nitroaniline	14.20	65	128182	52.431	ng		88
48) Acenaphthylene	14.85	152	555120	38.689	ng		97
49) Dimethylphthalate	14.56	163	600727	54.662	ng		97
50) 2,6-Dinitrotoluene	14.68	165	93170	42.465	ng	#	83
51) Acenaphthene	15.19	154	368729	39.508	ng		97
52) 3-Nitroaniline	15.02	138	85632	37.926	ng		94
53) 2,4-Dinitrophenol	15.22	184	49355	54.198	ng		96
54) Dibenzofuran	15.52	168	546958	41.938	ng		94
55) 4-Nitrophenol	15.31	139	191478	91.302	ng	#	58
56) 2,4-Dinitrotoluene	15.46	165	131525	46.332	ng	#	93
57) Fluorene	16.16	166	445064	38.420	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.74	232	127845	48.892	ng		98
59) Diethylphthalate	15.91	149	484311	44.182	ng		97
60) 4-Chlorophenyl-phenylether	16.15	204	228365	39.136	ng		96
61) 4-Nitroaniline	16.18	138	118329	49.696	ng	#	70
62) Azobenzene	16.44	77	506776	49.881	ng		90
64) 4,6-Dinitro-2-methylphenol	16.23	198	70201	47.523	ng		87
65) n-Nitrosodiphenylamine	16.36	169	409814	39.152	ng		99
66) 4-Bromophenyl-phenylether	17.05	248	151425	38.320	ng		94
67) Hexachlorobenzene	17.17	284	164349	38.668	ng	#	88
68) Atrazine	17.30	200	157818	45.088	ng		94
69) Pentachlorophenol	17.52	266	215722	86.587	ng		97
70) Phenanthrene	17.91	178	753010	40.087	ng		95
71) Anthracene	18.01	178	752196	39.970	ng		98
72) Carbazole	18.27	167	713799	40.215	ng		95
73) Di-n-butylphthalate	18.80	149	869530	50.521	ng	#	94
74) Fluoranthene	19.91	202	915723	45.633	ng		93
76) Benzidine	20.08	184	418242	34.167	ng		96
77) Pyrene	20.27	202	928164	37.803	ng		97
79) Butylbenzylphthalate	21.15	149	403261	46.482	ng		93
80) Benzo(a)anthracene	22.23	228	939745	40.552	ng		95
81) 3,3'-Dichlorobenzidine	22.13	252	270641	30.020	ng	#	97
82) Chrysene	22.31	228	879973	39.551	ng		96
83) Bis(2-ethylhexyl)phthalate	22.09	149	580405	44.270	ng		99
84) Di-n-octyl phthalate	23.46	149	980683	45.164	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.16	276	1105940	41.044	ng	#	93
87) Benzo(b)fluoranthene	24.75	252	942547	39.829	ng	#	95
88) Benzo(k)fluoranthene	24.83	252	939599	40.472	ng	#	93
89) Benzo(a)pyrene	25.76	252	909573	40.830	ng	#	94
90) Dibenzo(a,h)anthracene	30.24	278	943756	40.469	ng	#	95
91) Benzo(g,h,i)perylene	31.49	276	903585	40.009	ng	#	90

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

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