Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
Data File : BG032635.D
Acq On : 9 Feb 2018 17:42
Operator : SJ/JU
Sample : J1499-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Manual Integrations APPROVED
Sohil
2/13/2018 11:29:48 AM

Quant Time: Feb 09 23:43:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	30713	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	153728	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	134793	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	366170	20.00	ng		-0.01
75) Chrysene-d12	22.39	240	353990	20.00	ng		-0.01
86) Perylene-d12	26.06	264	376125	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	222386	145.44	ng		-0.02
7) Phenol-d6	7.81	99	289813	142.03	ng		-0.02
23) Nitrobenzene-d5	9.89	82	224364	91.16	ng		-0.02
41) 2,4,6-Tribromophenol	16.81	330	322737	125.78	ng		-0.01
44) 2-Fluorobiphenyl	13.95	172	862684	76.07	ng		-0.02
78) Terphenyl-d14	20.60	244	1514782	91.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	20447	39.744	ng	#	83
3) Pyridine	4.25	79	56095	40.380	ng	#	86
4) n-Nitrosodimethylamine	4.15	42	42359	58.576	ng	#	72
6) Aniline	7.98	93	36440	14.323	ng		93
8) 2-Chlorophenol	8.23	128	107761	59.619	ng		85
9) Benzaldehyde	7.78	77	25118m	23.834	ng		
10) Phenol	7.84	94	108833	56.165	ng		87
11) bis(2-Chloroethyl)ether	8.07	93	76985	52.142	ng		87
12) 1,3-Dichlorobenzene	8.57	146	110728	45.299	ng		95
13) 1,4-Dichlorobenzene	8.72	146	112024	45.724	ng		92
14) 1,2-Dichlorobenzene	9.05	146	113578	47.323	ng		97
15) Benzyl Alcohol	8.92	79	100637	59.843	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.21	45	89395	63.897	ng		69
17) 2-Methylphenol	9.12	107	85999	54.645	ng		94
18) Hexachloroethane	9.80	117	39725	48.294	ng	#	84
19) n-Nitroso-di-n-propylamine	9.50	70	82609	61.060	ng	#	91
20) 3+4-Methylphenols	9.46	107	124310	56.311	ng		92
22) Acetophenone	9.53	105	163096	45.260	ng	#	93
24) Nitrobenzene	9.93	77	119835	50.352	ng		92
25) Isophorone	10.44	82	248771	59.362	ng	#	86
26) 2-Nitrophenol	10.65	139	69289	48.162	ng	#	83
27) 2,4-Dimethylphenol	10.69	122	116779	56.553	ng		90
28) bis(2-Chloroethoxy)methane	10.93	93	130218	56.664	ng	#	94
29) 2,4-Dichlorophenol	11.20	162	157303	57.505	ng		90
30) 1,2,4-Trichlorobenzene	11.41	180	154486	42.373	ng		94
31) Naphthalene	11.61	128	352952	47.009	ng		98
32) Benzoic acid	10.84	122	61472m	41.134	ng		
33) 4-Chloroaniline	11.72	127	13001	3.882	ng	#	88
34) Hexachlorobutadiene	11.88	225	117233	41.329	ng		95
35) Caprolactam	12.48	113	37890m	48.250	ng		
36) 4-Chloro-3-methylphenol	12.80	107	159775	61.577	ng		90
37) 2-Methylnaphthalene	13.18	142	323724	51.322	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	260803	41.358	ng		96
40) Hexachlorocyclopentadiene	13.50	237	322799	81.928	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	171448	49.984	ng		98
43) 2,4,5-Trichlorophenol	13.85	196	196413	49.121	ng	#	92
45) 1,1'-Biphenyl	14.16	154	497615	43.696	ng		97
46) 2-Chloronaphthalene	14.21	162	387852	43.453	ng		98
47) 2-Nitroaniline	14.41	65	102543	51.951	ng	#	78
48) Acenaphthylene	15.05	152	610095	45.214	ng		98
49) Dimethylphthalate	14.76	163	597553	48.079	ng	#	98
50) 2,6-Dinitrotoluene	14.89	165	130576	50.056	ng	#	83
51) Acenaphthene	15.39	154	401299	42.883	ng		98
52) 3-Nitroaniline	15.23	138	13609	5.973	ng	#	79
53) 2,4-Dinitrophenol	15.43	184	169006	102.571	ng	#	56
54) Dibenzofuran	15.72	168	668283	48.248	ng		96
55) 4-Nitrophenol	15.52	139	132399	77.616	ng	#	77
56) 2,4-Dinitrotoluene	15.67	165	192276	51.769	ng	#	70
57) Fluorene	16.37	166	548876	47.688	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.94	232	217218	55.080	ng	#	85
59) Diethylphthalate	16.10	149	596266	49.259	ng		96
60) 4-Chlorophenyl-phenylether	16.34	204	358421	49.384	ng		93
61) 4-Nitroaniline	16.38	138	80076	32.789	ng	#	77
62) Azobenzene	16.64	77	394601	54.549	ng		86
64) 4,6-Dinitro-2-methylphenol	16.43	198	126481	46.236	ng		75
65) n-Nitrosodiphenylamine	16.56	169	529257	48.432	ng		99
66) 4-Bromophenyl-phenylether	17.24	248	270733	49.907	ng		96
67) Hexachlorobenzene	17.37	284	266904	44.460	ng	#	90
68) Atrazine	17.48	200	228181	48.642	ng		96
69) Pentachlorophenol	17.71	266	325731	86.614	ng		98
70) Phenanthrene	18.11	178	953312	46.685	ng		99
71) Anthracene	18.19	178	995514	48.961	ng		98
72) Carbazole	18.46	167	732801	40.791	ng		98
73) Di-n-butylphthalate	18.96	149	847170	42.592	ng	#	99
74) Fluoranthene	20.07	202	1081252	40.376	ng		96
76) Benzidine	20.25	184	56479	8.125	ng		96
77) Pyrene	20.43	202	1064001	49.006	ng		98
79) Butylbenzylphthalate	21.29	149	346917	50.657	ng	#	78
80) Benzo(a)anthracene	22.37	228	1101551	50.195	ng		98
81) 3,3'-Dichlorobenzidine	22.27	252	157227	18.492	ng	#	94
82) Chrysene	22.45	228	1046775	49.391	ng		97
83) Bis(2-ethylhexyl)phthalate	22.21	149	494309	50.905	ng	#	98
84) Di-n-octyl phthalate	23.58	149	863274	56.051	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.31	276	1324737	49.411	ng	#	86
87) Benzo(b)fluoranthene	24.89	252	1163330	51.189	ng	#	95
88) Benzo(k)fluoranthene	24.97	252	1140229	50.647	ng	#	96
89) Benzo(a)pyrene	25.88	252	1135047	52.388	ng	#	96
90) Dibenzo(a,h)anthracene	30.39	278	1106931	49.943	ng	#	92
91) Benzo(g,h,i)perylene	31.66	276	1099567	49.981	ng	#	90

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

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