Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037192.D
Acq On : 5 Oct 2018 16:27
Operator : JU/SJ
Sample : PB113546BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113546BS

Manual Integrations APPROVED

Quant Time: Oct 05 17:15:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Sohil

10/8/2018 1:56:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40590	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	189192	20.00	ng		-0.02
38) Acenaphthene-d10	14.65	164	128706	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	339641	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	342324	20.00	ng		-0.02
86) Perylene-d12	24.87	264	322947	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	289328	136.70	ng		-0.01
7) Phenol-d6	7.20	99	407454	124.43	ng		-0.01
23) Nitrobenzene-d5	9.20	82	258123	73.06	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	178136	115.68	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	588794	68.14	ng		-0.02
78) Terphenyl-d14	20.01	244	1047895	80.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	38981	40.250	ng		95
3) Pyridine	3.91	79	104815	37.482	ng		98
4) n-Nitrosodimethylamine	3.82	42	60848	48.957	ng	#	91
6) Aniline	7.36	93	144837	34.087	ng		97
8) 2-Chlorophenol	7.60	128	119840	48.765	ng		93
9) Benzaldehyde	7.17	77	54434	25.157	ng		97
10) Phenol	7.22	94	166811	49.359	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	122808	39.284	ng		99
12) 1,3-Dichlorobenzene	7.92	146	120799	40.094	ng		100
13) 1,4-Dichlorobenzene	8.07	146	121071	39.267	ng		99
14) 1,2-Dichlorobenzene	8.38	146	118940	39.807	ng		97
15) Benzyl Alcohol	8.27	79	112366	42.290	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250552	41.747	ng		98
17) 2-Methylphenol	8.47	107	111135	47.209	ng		96
18) Hexachloroethane	9.11	117	48039	42.339	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	105618	38.772	ng		98
20) 3+4-Methylphenols	8.80	107	153599	46.901	ng		97
22) Acetophenone	8.85	105	176864	39.781	ng	#	98
24) Nitrobenzene	9.24	77	152701	40.474	ng		99
25) Isophorone	9.75	82	301136	46.649	ng		99
26) 2-Nitrophenol	9.95	139	64498	42.889	ng		96
27) 2,4-Dimethylphenol	10.00	122	118728	50.684	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	168622	42.332	ng		99
29) 2,4-Dichlorophenol	10.48	162	128690	47.390	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	128108	37.697	ng		92
31) Naphthalene	10.88	128	382728	42.516	ng		99
32) Benzoic acid	10.16	122	53191	31.863	ng		94
33) 4-Chloroaniline	11.00	127	115421	28.200	ng		98
34) Hexachlorobutadiene	11.16	225	86734	36.906	ng		99
35) Caprolactam	11.77	113	51322m	45.919	ng		
36) 4-Chloro-3-methylphenol	12.11	107	151879	46.874	ng		96
37) 2-Methylnaphthalene	12.49	142	295267	43.067	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	164613	36.670	ng		99
40) Hexachlorocyclopentadiene	12.83	237	169776	73.537	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	108233	43.419	ng		100
43) 2,4,5-Trichlorophenol	13.17	196	122300	46.011	ng		98
45) 1,1'-Biphenyl	13.49	154	387379	39.300	ng		98
46) 2-Chloronaphthalene	13.54	162	296371	38.233	ng		98
47) 2-Nitroaniline	13.74	65	123997	46.247	ng		95
48) Acenaphthylene	14.38	152	515007	42.398	ng		99
49) Dimethylphthalate	14.11	163	421212	40.658	ng		100
50) 2,6-Dinitrotoluene	14.23	165	94556	41.832	ng		96
51) Acenaphthene	14.72	154	293346	39.958	ng		99
52) 3-Nitroaniline	14.57	138	77919	32.713	ng		95
53) 2,4-Dinitrophenol	14.77	184	88393	83.114	ng		93
54) Dibenzofuran	15.05	168	497583	40.070	ng		98
55) 4-Nitrophenol	14.88	139	151136	99.325	ng		98
56) 2,4-Dinitrotoluene	15.02	165	138619	43.949	ng		93
57) Fluorene	15.71	166	405675	43.708	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	124685	46.240	ng		99
59) Diethylphthalate	15.47	149	432694	41.410	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	222548	37.862	ng		99
61) 4-Nitroaniline	15.73	138	106557	42.531	ng		93
62) Azobenzene	15.99	77	444059	44.229	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	76562	43.117	ng		99
65) n-Nitrosodiphenylamine	15.91	169	372822	39.761	ng		97
66) 4-Bromophenyl-phenylether	16.59	248	143874	37.242	ng		98
67) Hexachlorobenzene	16.71	284	146160	36.734	ng		99
68) Atrazine	16.86	200	151452	39.891	ng		99
69) Pentachlorophenol	17.05	266	168605	67.305	ng		98
70) Phenanthrene	17.44	178	690685	42.200	ng		99
71) Anthracene	17.54	178	713780	44.104	ng		99
72) Carbazole	17.81	167	633831	40.168	ng		99
73) Di-n-butylphthalate	18.36	149	758277	43.272	ng		100
74) Fluoranthene	19.45	202	844708	42.875	ng		99
76) Benzidine	19.64	184	308773	29.838	ng		98
77) Pyrene	19.81	202	828800	40.346	ng		100
79) Butylbenzylphthalate	20.69	149	352571	43.059	ng		96
80) Benzo(a)anthracene	21.65	228	821073	41.089	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	238970	31.417	ng		96
82) Chrysene	21.72	228	785222	40.669	ng		100
83) Bis(2-ethylhexyl)phthalate	21.55	149	488631	42.718	ng		99
84) Di-n-octyl phthalate	22.75	149	821257	43.607	ng		99
85) Indeno(1,2,3-cd)pyrene	28.51	276	898698	43.346	ng	#	97
87) Benzo(b)fluoranthene	23.85	252	793830	46.124	ng		97
88) Benzo(k)fluoranthene	23.92	252	783383	45.369	ng		99
89) Benzo(a)pyrene	24.71	252	778802	46.806	ng		100
90) Dibenzo(a,h)anthracene	28.56	278	736447	47.226	ng		98
91) Benzo(g,h,i)perylene	29.65	276	742922	47.470	ng		98

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

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