Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040805.D
Acq On : 9 May 2019 3:55
Operator : HP/JU
Sample : PB119548BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Manual Integrations APPROVED
Sohil
5/9/2019 6:47:34 PM

Quant Time: May 09 05:37:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50575	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	197880	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	141081	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	393966	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	409902	20.00	ng		-0.02
87) Perylene-d12	25.15	264	402407	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	419087	146.07	ng		-0.01
7) Phenol-d6	7.28	99	597046	135.15	ng		-0.01
23) Nitrobenzene-d5	9.32	82	353628	82.57	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	312011	160.90	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	746722	76.44	ng		-0.02
79) Terphenyl-d14	20.11	244	1577018	85.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	46972	35.999	ng		93
3) Pyridine	3.95	79	126514	33.452	ng		99
4) n-Nitrosodimethylamine	3.87	42	71079	33.883	ng		95
6) Aniline	7.47	93	161855	27.643	ng		97
8) 2-Chlorophenol	7.70	128	135137	38.575	ng		99
9) Benzaldehyde	7.28	77	90148	32.074	ng		94
10) Phenol	7.31	94	184366	38.825	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	124907	35.077	ng		94
12) 1,3-Dichlorobenzene	8.03	146	144491	37.788	ng		96
13) 1,4-Dichlorobenzene	8.18	146	148145	38.219	ng		98
14) 1,2-Dichlorobenzene	8.50	146	141568	37.870	ng		96
15) Benzyl Alcohol	8.38	79	154834	33.685	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213338	30.092	ng		98
17) 2-Methylphenol	8.57	107	125168	37.246	ng		96
18) Hexachloroethane	9.23	117	54927	34.544	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	120349	30.264	ng		97
20) 3+4-Methylphenols	8.90	107	174611	37.298	ng		98
22) Acetophenone	8.97	105	218460	39.702	ng	#	95
24) Nitrobenzene	9.36	77	188235	41.196	ng		94
25) Isophorone	9.87	82	335853	35.207	ng		99
26) 2-Nitrophenol	10.07	139	79076	48.280	ng		94
27) 2,4-Dimethylphenol	10.11	122	138753	45.151	ng		99
28) bis(2-Chloroethoxy)methane	10.36	93	176377	36.852	ng		95
29) 2,4-Dichlorophenol	10.60	162	153057	43.809	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	165090	42.611	ng		97
31) Naphthalene	11.02	128	418055	39.766	ng		99
32) Benzoic acid	10.22	122	87927	41.795	ng		85
33) 4-Chloroaniline	11.13	127	109768	23.550	ng		97
34) Hexachlorobutadiene	11.28	225	118985	41.599	ng		99
35) Caprolactam	11.90	113	53564	38.833	ng		89
36) 4-Chloro-3-methylphenol	12.22	107	180660	40.991	ng		97
37) 2-Methylnaphthalene	12.61	142	315577	40.149	ng		97
38) 1-Methylnaphthalene	12.83	142	297622	38.738	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	217860	41.453	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	268429	86.555	ng		99
43) 2,4,6-Trichlorophenol	13.20	196	144397	45.465	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	160625	46.426	ng		95
46) 1,1'-Biphenyl	13.61	154	418144	38.174	ng		97
47) 2-Chloronaphthalene	13.66	162	347141	40.496	ng		98
48) 2-Nitroaniline	13.86	65	141273	46.298	ng		98
49) Acenaphthylene	14.50	152	547654	37.655	ng		100
50) Dimethylphthalate	14.22	163	465068	39.399	ng		100
51) 2,6-Dinitrotoluene	14.35	165	103531	44.940	ng		94
52) Acenaphthene	14.83	154	319100	37.675	ng		96
53) 3-Nitroaniline	14.68	138	83634	35.431	ng	#	94
54) 2,4-Dinitrophenol	14.88	184	79849	63.081	ng		93
55) Dibenzofuran	15.17	168	559378	40.322	ng		99
56) 4-Nitrophenol	14.97	139	171203	83.644	ng		89
57) 2,4-Dinitrotoluene	15.13	165	153859	49.149	ng	#	95
58) Fluorene	15.81	166	443812	39.580	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	171689	49.303	ng		95
60) Diethylphthalate	15.57	149	485587	38.990	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	273784	41.982	ng		96
62) 4-Nitroaniline	15.84	138	113382	42.940	ng		89
63) Azobenzene	16.10	77	475459	37.070	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	76266	40.577	ng		93
66) n-Nitrosodiphenylamine	16.02	169	416287	35.915	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	186285	37.953	ng		94
68) Hexachlorobenzene	16.81	284	194718	38.367	ng		95
69) Atrazine	16.95	200	187808	40.897	ng		97
70) Pentachlorophenol	17.15	266	246896	83.135	ng		96
71) Phenanthrene	17.56	178	805641	37.966	ng		98
72) Anthracene	17.65	178	841653	39.459	ng		99
73) Carbazole	17.92	167	741262	38.145	ng		99
74) Di-n-butylphthalate	18.45	149	891397	38.004	ng		100
75) Fluoranthene	19.56	202	1088658	41.169	ng		99
77) Benzidine	19.74	184	373978	33.322	ng		98
78) Pyrene	19.92	202	1096247	42.671	ng		100
80) Butylbenzylphthalate	20.79	149	415557	41.501	ng		94
81) Benzo(a)anthracene	21.78	228	1049223	40.501	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	277920	30.099	ng		99
83) Chrysene	21.85	228	1027265	41.695	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	572624	39.617	ng		98
85) Di-n-octyl phthalate	22.90	149	958919	39.393	ng		97
86) Indeno(1,2,3-cd)pyrene	28.99	276	934591	31.375	ng	#	87
88) Benzo(b)fluoranthene	24.08	252	1018643	41.424	ng		99
89) Benzo(k)fluoranthene	24.15	252	1041150m	45.336	ng		
90) Benzo(a)pyrene	24.99	252	993074	42.663	ng		99
91) Dibenzo(a,h)anthracene	29.07	278	728712	30.936	ng	#	97
92) Benzo(g,h,i)perylene	30.22	276	745218	31.788	ng		99

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

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