Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040455.D
Acq On : 12 Apr 2019 10:48
Operator : JU/SJ
Sample : PB118819BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 12 23:49:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB118819BS

Manual Integrations APPROVED
Sohil
4/15/2019 12:30:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	64633	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	274400	20.00	ng		-0.03
39) Acenaphthene-d10	14.67	164	175884	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	443438	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	445818	20.00	ng		-0.03
87) Perylene-d12	24.97	264	432454	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	533528	137.23	ng		-0.02
7) Phenol-d6	7.21	99	721239	134.23	ng		-0.02
23) Nitrobenzene-d5	9.22	82	387092	74.98	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	270218	142.16	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	878915	74.05	ng		-0.02
79) Terphenyl-d14	20.02	244	1418908	71.60	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	90133	49.303	ng		100
3) Pyridine	3.89	79	153792	31.245	ng		96
4) n-Nitrosodimethylamine	3.82	42	87986	38.644	ng	#	86
6) Aniline	7.37	93	221892	31.786	ng		99
8) 2-Chlorophenol	7.61	128	196652	43.209	ng		94
9) Benzaldehyde	7.19	77	68080	18.471	ng		95
10) Phenol	7.23	94	253464	43.460	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	187901	40.226	ng		98
12) 1,3-Dichlorobenzene	7.93	146	199399	40.304	ng		97
13) 1,4-Dichlorobenzene	8.08	146	203727	41.345	ng		96
14) 1,2-Dichlorobenzene	8.40	146	193178	40.996	ng		98
15) Benzyl Alcohol	8.29	79	174871	40.412	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	358444	39.983	ng		98
17) 2-Methylphenol	8.48	107	179824	44.559	ng		97
18) Hexachloroethane	9.12	117	72791	38.836	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	149655	38.847	ng		99
20) 3+4-Methylphenols	8.81	107	239446	43.797	ng		98
22) Acetophenone	8.88	105	291192	42.542	ng	#	97
24) Nitrobenzene	9.26	77	222746	41.667	ng		98
25) Isophorone	9.77	82	431687	40.641	ng		99
26) 2-Nitrophenol	9.97	139	108650	42.893	ng		97
27) 2,4-Dimethylphenol	10.02	122	197949	49.197	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	253001	40.259	ng		98
29) 2,4-Dichlorophenol	10.51	162	197870	45.307	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	199903	41.685	ng		98
31) Naphthalene	10.91	128	592233	42.107	ng		99
32) Benzoic acid	10.17	122	72281	29.733	ng		97
33) 4-Chloroaniline	11.03	127	169324	28.223	ng		99
34) Hexachlorobutadiene	11.17	225	121924	39.754	ng		94
35) Caprolactam	11.82	113	75130m	43.349	ng		
36) 4-Chloro-3-methylphenol	12.14	107	222981	44.411	ng		98
37) 2-Methylnaphthalene	12.51	142	445231	42.801	ng		98
38) 1-Methylnaphthalene	12.72	142	421846	41.821	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	225608	40.358	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	253725	82.662	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	162285	45.027	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	179433	45.675	ng		98
46) 1,1'-Biphenyl	13.51	154	572334	41.184	ng		99
47) 2-Chloronaphthalene	13.56	162	451155	42.322	ng		99
48) 2-Nitroaniline	13.78	65	160241	44.565	ng		96
49) Acenaphthylene	14.40	152	740718	40.983	ng		99
50) Dimethylphthalate	14.13	163	599793	43.573	ng		98
51) 2,6-Dinitrotoluene	14.26	165	136868	44.282	ng		98
52) Acenaphthene	14.74	154	431773	41.691	ng		97
53) 3-Nitroaniline	14.60	138	108351	33.117	ng		92
54) 2,4-Dinitrophenol	14.80	184	138007	83.958	ng		93
55) Dibenzofuran	15.07	168	725525	43.597	ng		99
56) 4-Nitrophenol	14.90	139	221775	83.988	ng		98
57) 2,4-Dinitrotoluene	15.04	165	196280	45.703	ng		98
58) Fluorene	15.72	166	565914	43.253	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	169931	47.668	ng		99
60) Diethylphthalate	15.48	149	630150	44.736	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	305916	43.742	ng		98
62) 4-Nitroaniline	15.76	138	154081	43.884	ng		98
63) Azobenzene	16.00	77	576436	43.384	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	108713	43.637	ng		96
66) n-Nitrosodiphenylamine	15.93	169	539524	41.578	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	201442	40.367	ng		98
68) Hexachlorobenzene	16.72	284	206900	41.236	ng		98
69) Atrazine	16.87	200	201290	41.700	ng		97
70) Pentachlorophenol	17.07	266	224250	77.307	ng		97
71) Phenanthrene	17.47	178	975313	41.845	ng		98
72) Anthracene	17.56	178	997537	42.759	ng		100
73) Carbazole	17.83	167	936867	42.433	ng		99
74) Di-n-butylphthalate	18.36	149	1107818	42.330	ng		99
75) Fluoranthene	19.47	202	1188694	43.069	ng		100
77) Benzidine	19.66	184	435198	27.033	ng		97
78) Pyrene	19.83	202	1159888	39.563	ng		97
80) Butylbenzylphthalate	20.70	149	535428	42.679	ng		97
81) Benzo(a)anthracene	21.68	228	1079134	39.298	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	331955	31.778	ng		99
83) Chrysene	21.74	228	1075631	40.758	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	754599	42.078	ng		99
85) Di-n-octyl phthalate	22.77	149	1282004	41.959	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1313430	40.692	ng	#	89
88) Benzo(b)fluoranthene	23.93	252	1151483	43.491	ng		98
89) Benzo(k)fluoranthene	24.00	252	1138119	46.744	ng		99
90) Benzo(a)pyrene	24.82	252	1147098	46.176	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	1057418	45.831	ng		99
92) Benzo(g,h,i)perylene	29.93	276	1068504	45.063	ng		98

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

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