Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040021.D
Acq On : 20 Mar 2019 3:17
Operator : JU/SJ
Sample : PB118056BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:25 PM

Quant Time: Mar 20 05:00:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38306	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	163633	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	117879	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	301745	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	293161	20.00	ng		-0.02
87) Perylene-d12	25.16	264	290269	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	332472	148.07	ng		-0.02
7) Phenol-d6	7.29	99	488050	145.78	ng		-0.02
23) Nitrobenzene-d5	9.32	82	295129	97.55	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	209218	152.27	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	729931	88.17	ng		-0.02
79) Terphenyl-d14	20.11	244	1193989	89.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	29952	28.894	ng		99
3) Pyridine	3.98	79	90338	32.552	ng		95
4) n-Nitrosodimethylamine	3.90	42	53038	40.286	ng	#	88
6) Aniline	7.47	93	111515	25.424	ng		98
8) 2-Chlorophenol	7.71	128	113263	41.579	ng		95
9) Benzaldehyde	7.28	77	56101	25.977	ng		95
10) Phenol	7.32	94	157433	43.407	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	111554	39.449	ng		99
12) 1,3-Dichlorobenzene	8.03	146	117277	38.067	ng		99
13) 1,4-Dichlorobenzene	8.18	146	119423	38.056	ng		97
14) 1,2-Dichlorobenzene	8.50	146	117517	38.759	ng		98
15) Benzyl Alcohol	8.38	79	113723	42.821	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	217755	38.502	ng		99
17) 2-Methylphenol	8.58	107	101863	44.046	ng		98
18) Hexachloroethane	9.23	117	43388	38.533	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	94568	39.243	ng		96
20) 3+4-Methylphenols	8.91	107	142180	44.254	ng		96
22) Acetophenone	8.97	105	178872	40.728	ng	#	96
24) Nitrobenzene	9.37	77	138876	43.754	ng		99
25) Isophorone	9.88	82	272291	42.952	ng		99
26) 2-Nitrophenol	10.07	139	67855	44.278	ng		94
27) 2,4-Dimethylphenol	10.12	122	121909	51.149	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	161963	42.041	ng		97
29) 2,4-Dichlorophenol	10.61	162	127756	47.609	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	126789	41.989	ng		95
31) Naphthalene	11.01	128	364397	42.060	ng		97
32) Benzoic acid	10.26	122	70349	43.677	ng		89
33) 4-Chloroaniline	11.13	127	51015	13.886	ng		95
34) Hexachlorobutadiene	11.28	225	82531	39.997	ng		97
35) Caprolactam	11.91	113	48317m	47.136	ng		
36) 4-Chloro-3-methylphenol	12.23	107	147473	47.942	ng		99
37) 2-Methylnaphthalene	12.61	142	283991	43.845	ng		98
38) 1-Methylnaphthalene	12.83	142	271102	43.069	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	155077	38.833	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	211905	99.016	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	110101	47.092	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	119377	45.299	ng		99
46) 1,1'-Biphenyl	13.61	154	388536	40.074	ng		99
47) 2-Chloronaphthalene	13.66	162	300747	41.233	ng		99
48) 2-Nitroaniline	13.87	65	110416	47.106	ng		96
49) Acenaphthylene	14.50	152	494838	41.328	ng		99
50) Dimethylphthalate	14.22	163	426082	43.227	ng		100
51) 2,6-Dinitrotoluene	14.35	165	97328	46.577	ng		96
52) Acenaphthene	14.84	154	301501	41.837	ng		95
53) 3-Nitroaniline	14.68	138	41251	19.638	ng	#	91
54) 2,4-Dinitrophenol	14.89	184	126818	95.169	ng		94
55) Dibenzofuran	15.17	168	499068	42.209	ng		100
56) 4-Nitrophenol	14.98	139	166862	88.801	ng		91
57) 2,4-Dinitrotoluene	15.14	165	140633	47.897	ng	#	88
58) Fluorene	15.82	166	401492	43.194	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	126948	49.325	ng		96
60) Diethylphthalate	15.57	149	440258	45.119	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	211040	42.548	ng		99
62) 4-Nitroaniline	15.85	138	99240	43.580	ng		96
63) Azobenzene	16.09	77	400715	45.304	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	89441	50.132	ng		98
66) n-Nitrosodiphenylamine	16.02	169	376723	43.125	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	140877	41.710	ng		97
68) Hexachlorobenzene	16.81	284	143673	41.037	ng		95
69) Atrazine	16.96	200	144102	41.914	ng		98
70) Pentachlorophenol	17.16	266	194321	87.885	ng		99
71) Phenanthrene	17.56	178	692374	41.658	ng		100
72) Anthracene	17.65	178	703837	43.456	ng		99
73) Carbazole	17.92	167	620127	42.471	ng		98
74) Di-n-butylphthalate	18.45	149	761929	44.351	ng		100
75) Fluoranthene	19.56	202	825761	42.040	ng		99
77) Benzidine	19.74	184	215405	23.155	ng		99
78) Pyrene	19.92	202	828088	43.470	ng		99
80) Butylbenzylphthalate	20.79	149	340217	46.097	ng		95
81) Benzo(a)anthracene	21.78	228	787705	42.872	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	143412	21.379	ng		99
83) Chrysene	21.85	228	736992	41.375	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	477483	46.039	ng		100
85) Di-n-octyl phthalate	22.90	149	815075	47.464	ng		96
86) Indeno(1,2,3-cd)pyrene	29.03	276	871630	43.135	ng		98
88) Benzo(b)fluoranthene	24.09	252	774099	44.722	ng		97
89) Benzo(k)fluoranthene	24.16	252	734407	45.580	ng		98
90) Benzo(a)pyrene	25.01	252	750087	46.896	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	703949	44.893	ng		97
92) Benzo(g,h,i)perylene	30.26	276	721434	45.810	ng		97

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

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