Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039899.D
Acq On : 13 Mar 2019 8:05
Operator : JU/SJ
Sample : PB117850BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117850BS

Quant Time: Mar 13 15:06:47 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	8.15	152	40392	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	170696	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	120922	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	305289	20.00	ng		0.00
76) Chrysene-d12	21.81	240	310976	20.00	ng		-0.02
87) Perylene-d12	25.18	264	316189	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	332924	140.61	ng		0.00
7) Phenol-d6	7.30	99	478152	135.44	ng		-0.02
23) Nitrobenzene-d5	9.33	82	276820	87.71	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	191217	135.67	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	688051	81.02	ng		-0.02
79) Terphenyl-d14	20.12	244	1148353	81.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	38102	34.858	ng		97
3) Pyridine	3.99	79	104684	35.773	ng		97
4) n-Nitrosodimethylamine	3.91	42	57934	41.732	ng		92
6) Aniline	7.48	93	79162	17.116	ng		94
8) 2-Chlorophenol	7.71	128	115634	40.257	ng		97
9) Benzaldehyde	7.29	77	52381	23.002	ng		99
10) Phenol	7.33	94	164833	43.100	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	110326	37.000	ng		98
12) 1,3-Dichlorobenzene	8.04	146	120350	37.047	ng		97
13) 1,4-Dichlorobenzene	8.19	146	122951	37.157	ng		97
14) 1,2-Dichlorobenzene	8.51	146	115886	36.247	ng		99
15) Benzyl Alcohol	8.39	79	111318	39.751	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	215474	36.131	ng		98
17) 2-Methylphenol	8.58	107	104467	42.839	ng		98
18) Hexachloroethane	9.24	117	42670	35.938	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	90313	35.542	ng		94
20) 3+4-Methylphenols	8.91	107	143434	42.339	ng		98
22) Acetophenone	8.98	105	175915	38.397	ng	#	95
24) Nitrobenzene	9.37	77	136910	41.350	ng		98
25) Isophorone	9.88	82	260700	39.422	ng		99
26) 2-Nitrophenol	10.08	139	68885	43.090	ng		98
27) 2,4-Dimethylphenol	10.12	122	121006	48.670	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	158836	39.523	ng		99
29) 2,4-Dichlorophenol	10.62	162	136042	48.599	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	127352	40.430	ng		93
31) Naphthalene	11.03	128	366621	40.566	ng		98
32) Benzoic acid	10.23	122	8219	10.751	ng	#	82
33) 4-Chloroaniline	11.13	127	47601	12.421	ng		98
34) Hexachlorobutadiene	11.29	225	80602	37.446	ng		94
35) Caprolactam	11.92	113	46451	43.440	ng	#	87
36) 4-Chloro-3-methylphenol	12.24	107	146637	45.697	ng		95
37) 2-Methylnaphthalene	12.62	142	282878	41.866	ng		98
38) 1-Methylnaphthalene	12.84	142	269865	41.098	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	156678	38.247	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	184543	84.061 ng		99
43) 2,4,6-Trichlorophenol	13.21	196	110132	45.920 ng		98
44) 2,4,5-Trichlorophenol	13.29	196	120771	44.675 ng		98
46) 1,1'-Biphenyl	13.61	154	381926	38.401 ng		99
47) 2-Chloronaphthalene	13.67	162	297478	39.759 ng		98
48) 2-Nitroaniline	13.87	65	107334	44.639 ng		88
49) Acenaphthylene	14.51	152	490628	39.945 ng		99
50) Dimethylphthalate	14.22	163	410302	40.578 ng		100
51) 2,6-Dinitrotoluene	14.36	165	92300	43.059 ng		96
52) Acenaphthene	14.84	154	295692	39.999 ng		100
53) 3-Nitroaniline	14.69	138	43005	19.958 ng	#	97
54) 2,4-Dinitrophenol	14.89	184	9779	12.015 ng		92
55) Dibenzofuran	15.17	168	491913	40.557 ng		99
56) 4-Nitrophenol	14.98	139	136117	70.616 ng		92
57) 2,4-Dinitrotoluene	15.14	165	131384	43.621 ng		89
58) Fluorene	15.82	166	391041	41.011 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	116129	43.986 ng		96
60) Diethylphthalate	15.57	149	417067	41.667 ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	204428	40.178 ng		99
62) 4-Nitroaniline	15.86	138	97782	41.859 ng		95
63) Azobenzene	16.10	77	379128	41.785 ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	19641	10.881 ng		93
66) n-Nitrosodiphenylamine	16.03	169	363654	41.146 ng		99
67) 4-Bromophenyl-phenylether	16.70	248	136560	39.962 ng		96
68) Hexachlorobenzene	16.81	284	140324	39.615 ng		97
69) Atrazine	16.96	200	133767	38.457 ng		95
70) Pentachlorophenol	17.16	266	100057	44.727 ng		95
71) Phenanthrene	17.57	178	666474	39.634 ng		100
72) Anthracene	17.66	178	675912	41.248 ng		99
73) Carbazole	17.93	167	594100	40.216 ng		98
74) Di-n-butylphthalate	18.46	149	720623	41.460 ng		100
75) Fluoranthene	19.57	202	803213	40.417 ng		98
77) Benzidine	19.75	184	135793	13.761 ng		98
78) Pyrene	19.93	202	809460	40.058 ng		100
80) Butylbenzylphthalate	20.79	149	336999	43.046 ng		97
81) Benzo(a)anthracene	21.79	228	802426	41.172 ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	109183	15.344 ng		100
83) Chrysene	21.86	228	743547	39.352 ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	466840	42.434 ng	#	99
85) Di-n-octyl phthalate	22.91	149	801047	43.975 ng		95
86) Indeno(1,2,3-cd)pyrene	29.05	276	850438	39.675 ng	#	96
88) Benzo(b)fluoranthene	24.10	252	771443	40.915 ng		98
89) Benzo(k)fluoranthene	24.17	252	760849	43.350 ng		98
90) Benzo(a)pyrene	25.02	252	760460	43.647 ng		98
91) Dibenzo(a,h)anthracene	29.12	278	687314	40.239 ng		97
92) Benzo(g,h,i)perylene	30.28	276	688816	40.153 ng		99

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

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