Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039878.D
Acq On : 12 Mar 2019 17:34
Operator : JU/SJ
Sample : PB117829BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117829BSD

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:29 PM

Quant Time: Mar 13 06:42:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36740	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	161722	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	112846	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	286672	20.00	ng		0.00
76) Chrysene-d12	21.81	240	293358	20.00	ng		0.00
87) Perylene-d12	25.18	264	276001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	311341	144.57	ng		0.00
7) Phenol-d6	7.30	99	443394	138.08	ng		0.00
23) Nitrobenzene-d5	9.33	82	235879	78.88	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	183619	139.60	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	596827	75.30	ng		0.00
79) Terphenyl-d14	20.11	244	1047794	78.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	40456	40.690	ng		95
3) Pyridine	3.99	79	100495	37.755	ng		98
4) n-Nitrosodimethylamine	3.91	42	51842	41.056	ng		86
6) Aniline	7.48	93	121920	28.980	ng		96
8) 2-Chlorophenol	7.71	128	112209	42.948	ng		96
9) Benzaldehyde	7.29	77	50064	24.170	ng		98
10) Phenol	7.33	94	155830	44.796	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	105963	39.069	ng		96
12) 1,3-Dichlorobenzene	8.04	146	114759	38.837	ng		98
13) 1,4-Dichlorobenzene	8.19	146	116907	38.842	ng		98
14) 1,2-Dichlorobenzene	8.51	146	111856	38.465	ng		97
15) Benzyl Alcohol	8.39	79	108756	42.696	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	209677	38.654	ng		99
17) 2-Methylphenol	8.58	107	103406	46.619	ng		96
18) Hexachloroethane	9.23	117	42551	39.400	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	87994	38.072	ng		91
20) 3+4-Methylphenols	8.91	107	139887	45.396	ng		96
22) Acetophenone	8.98	105	166686	38.402	ng	#	94
24) Nitrobenzene	9.38	77	130495	41.600	ng		99
25) Isophorone	9.89	82	247384	39.484	ng		97
26) 2-Nitrophenol	10.08	139	66828	44.123	ng		95
27) 2,4-Dimethylphenol	10.12	122	121378	51.528	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	152123	39.953	ng		97
29) 2,4-Dichlorophenol	10.62	162	126375	47.651	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	121333	40.657	ng		99
31) Naphthalene	11.03	128	350755	40.964	ng		99
32) Benzoic acid	10.26	122	66094	41.846	ng		87
33) 4-Chloroaniline	11.14	127	88125	24.271	ng		97
34) Hexachlorobutadiene	11.28	225	78432	38.460	ng		94
35) Caprolactam	11.92	113	44333m	43.760	ng		
36) 4-Chloro-3-methylphenol	12.24	107	137036	45.075	ng		98
37) 2-Methylnaphthalene	12.62	142	273617	42.742	ng		98
38) 1-Methylnaphthalene	12.84	142	259343	41.688	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	151017	39.503	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	178487	87.121 ng		99
43) 2,4,6-Trichlorophenol	13.21	196	106440	47.557 ng		97
44) 2,4,5-Trichlorophenol	13.29	196	114856	45.527 ng		97
46) 1,1'-Biphenyl	13.61	154	369801	39.843 ng		99
47) 2-Chloronaphthalene	13.66	162	290208	41.563 ng		98
48) 2-Nitroaniline	13.87	65	102749	45.790 ng		96
49) Acenaphthylene	14.50	152	461636	40.274 ng		99
50) Dimethylphthalate	14.23	163	389235	41.250 ng		98
51) 2,6-Dinitrotoluene	14.36	165	85659	42.821 ng		99
52) Acenaphthene	14.84	154	281762	40.842 ng		100
53) 3-Nitroaniline	14.69	138	60000	29.838 ng	#	95
54) 2,4-Dinitrophenol	14.89	184	90396	72.204 ng		98
55) Dibenzofuran	15.17	168	467502	41.303 ng		98
56) 4-Nitrophenol	14.99	139	149664	83.201 ng		93
57) 2,4-Dinitrotoluene	15.14	165	125547	44.666 ng		91
58) Fluorene	15.83	166	369976	41.579 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	118315	48.021 ng		96
60) Diethylphthalate	15.58	149	392588	42.028 ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	192502	40.541 ng		97
62) 4-Nitroaniline	15.86	138	94731	43.455 ng		92
63) Azobenzene	16.10	77	356766	42.134 ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69646	41.089 ng		98
66) n-Nitrosodiphenylamine	16.03	169	348809	42.029 ng		97
67) 4-Bromophenyl-phenylether	16.70	248	131271	40.909 ng		96
68) Hexachlorobenzene	16.82	284	133287	40.072 ng		96
69) Atrazine	16.97	200	138795	42.493 ng		97
70) Pentachlorophenol	17.17	266	165606	78.836 ng		99
71) Phenanthrene	17.56	178	640175	40.542 ng		100
72) Anthracene	17.66	178	647955	42.109 ng		99
73) Carbazole	17.93	167	568804	41.004 ng		99
74) Di-n-butylphthalate	18.46	149	698278	42.783 ng		100
75) Fluoranthene	19.57	202	776425	41.606 ng		99
77) Benzidine	19.75	184	280278	30.108 ng		99
78) Pyrene	19.93	202	784949	41.177 ng		99
80) Butylbenzylphthalate	20.80	149	327908	44.400 ng		96
81) Benzo(a)anthracene	21.79	228	747349	40.649 ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	185250	27.598 ng		98
83) Chrysene	21.86	228	711441	39.914 ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	453709	43.718 ng		99
85) Di-n-octyl phthalate	22.91	149	768027	44.695 ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	810415	40.078 ng	#	97
88) Benzo(b)fluoranthene	24.10	252	747730	45.431 ng		98
89) Benzo(k)fluoranthene	24.17	252	708775	46.263 ng		98
90) Benzo(a)pyrene	25.03	252	724429	47.633 ng		98
91) Dibenzo(a,h)anthracene	29.13	278	665893	44.661 ng		98
92) Benzo(g,h,i)perylene	30.28	276	658992	44.008 ng		97

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

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