Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039045.D
Acq On : 10 Jan 2019 8:14
Operator : JU/SJ
Sample : K1006-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Manual Integrations APPROVED
Sohil
1/10/2019 3:15:29 PM

Quant Time: Jan 10 09:52:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23496	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	111331	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	91119	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	248196	20.00	ng		0.00
76) Chrysene-d12	21.70	240	199987	20.00	ng		0.00
87) Perylene-d12	24.98	264	220327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	182598	147.42	ng		0.00
7) Phenol-d6	7.19	99	254609	142.84	ng		0.00
23) Nitrobenzene-d5	9.21	82	172682	84.87	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	227697	149.07	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	525578	78.94	ng		0.00
79) Terphenyl-d14	20.03	244	1012945	93.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	13941	28.742	ng	#	29
3) Pyridine	3.87	79	46703	35.436	ng		94
4) n-Nitrosodimethylamine	3.79	42	29486	49.718	ng		89
6) Aniline	7.36	93	48664	22.732	ng		99
8) 2-Chlorophenol	7.59	128	75164	51.480	ng		98
9) Benzaldehyde	7.17	77	24532	23.865	ng		94
10) Phenol	7.22	94	86653	48.488	ng		100
11) bis(2-Chloroethyl)ether	7.45	93	62318	45.625	ng		96
12) 1,3-Dichlorobenzene	7.92	146	62289	35.608	ng		94
13) 1,4-Dichlorobenzene	8.06	146	66049	37.281	ng		99
14) 1,2-Dichlorobenzene	8.38	146	64723	38.316	ng		99
15) Benzyl Alcohol	8.28	79	74358	55.393	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	117932	45.028	ng		97
17) 2-Methylphenol	8.48	107	67545	54.432	ng		97
18) Hexachloroethane	9.10	117	22075	36.676	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	59445	50.785	ng		95
20) 3+4-Methylphenols	8.80	107	96482	54.533	ng		98
22) Acetophenone	8.86	105	119772	41.195	ng	#	97
24) Nitrobenzene	9.25	77	86582	42.102	ng		97
25) Isophorone	9.76	82	181485	51.784	ng		98
26) 2-Nitrophenol	9.96	139	48992	44.044	ng		94
27) 2,4-Dimethylphenol	10.01	122	83175	53.149	ng		89
28) bis(2-Chloroethoxy)methane	10.24	93	96809	45.961	ng		96
29) 2,4-Dichlorophenol	10.50	162	98672	50.753	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	89260	38.211	ng		97
31) Naphthalene	10.90	128	247229	44.277	ng		99
32) Benzoic acid	10.20	122	49560	50.804	ng		96
33) 4-Chloroaniline	11.03	127	13557	5.426	ng		95
34) Hexachlorobutadiene	11.15	225	56830	35.357	ng		97
35) Caprolactam	11.82	113	31324m	40.180	ng		
36) 4-Chloro-3-methylphenol	12.14	107	109280	52.554	ng		93
37) 2-Methylnaphthalene	12.50	142	205177	49.011	ng		98
38) 1-Methylnaphthalene	12.72	142	197689	49.198	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	133362	38.971	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	124720	65.808	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	98298	45.640	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	111822	49.124	ng	99
46) 1,1'-Biphenyl	13.50	154	291388	40.358	ng	100
47) 2-Chloronaphthalene	13.55	162	236872	40.542	ng	97
48) 2-Nitroaniline	13.77	65	76496	46.734	ng	94
49) Acenaphthylene	14.40	152	406280	46.263	ng	99
50) Dimethylphthalate	14.13	163	354720	46.068	ng	100
51) 2,6-Dinitrotoluene	14.26	165	80862	46.972	ng	98
52) Acenaphthene	14.74	154	234722	44.486	ng	98
53) 3-Nitroaniline	14.60	138	20604	11.798	ng	95
54) 2,4-Dinitrophenol	14.80	184	98241	94.409	ng	96
55) Dibenzofuran	15.07	168	408426	43.828	ng	100
56) 4-Nitrophenol	14.91	139	115130	91.624	ng	96
57) 2,4-Dinitrotoluene	15.05	165	117811	47.700	ng	95
58) Fluorene	15.72	166	338878	48.312	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	115106	53.568	ng	95
60) Diethylphthalate	15.48	149	372130	46.907	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	194432	43.998	ng	98
62) 4-Nitroaniline	15.77	138	78125	42.943	ng	97
63) Azobenzene	16.00	77	279338	45.025	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	77114	41.938	ng	97
66) n-Nitrosodiphenylamine	15.93	169	318419	43.277	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	136511	42.787	ng	97
68) Hexachlorobenzene	16.72	284	144567	41.526	ng	98
69) Atrazine	16.87	200	139511	44.634	ng	97
70) Pentachlorophenol	17.07	266	157197	73.584	ng	95
71) Phenanthrene	17.46	178	602739	45.944	ng	99
72) Anthracene	17.56	178	612742	47.239	ng	99
73) Carbazole	17.83	167	527618	41.205	ng	99
74) Di-n-butylphthalate	18.36	149	625274	43.894	ng	99
75) Fluoranthene	19.47	202	680215	41.825	ng	99
77) Benzidine	19.66	184	94620	15.469	ng	98
78) Pyrene	19.84	202	665392	52.208	ng	98
80) Butylbenzylphthalate	20.70	149	218133	45.000	ng	100
81) Benzo(a)anthracene	21.68	228	570770	46.884	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	76629	15.448	ng	97
83) Chrysene	21.75	228	534256	46.141	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	301978	44.866	ng	98
85) Di-n-octyl phthalate	22.76	149	524790	46.111	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	690877	49.935	ng	99
88) Benzo(b)fluoranthene	23.93	252	596845	49.128	ng	99
89) Benzo(k)fluoranthene	24.00	252	556575	46.336	ng	97
90) Benzo(a)pyrene	24.83	252	573829	48.867	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	572553	49.019	ng	99
92) Benzo(g,h,i)perylene	29.95	276	569904	49.286	ng	97

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

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