Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039838.D
Acq On : 11 Mar 2019 12:37
Operator : JU/SJ
Sample : PB117734BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117734BS

Manual Integrations APPROVED
Sohil
3/12/2019 4:42:19 PM

Quant Time: Mar 12 03:41:07 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	8.16	152	41346	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	185270	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	127402	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	321014	20.00	ng		0.00
76) Chrysene-d12	21.82	240	326464	20.00	ng		0.00
87) Perylene-d12	25.19	264	304544	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	350800	144.75	ng		0.00
7) Phenol-d6	7.30	99	494522	136.85	ng		0.00
23) Nitrobenzene-d5	9.33	82	263735	76.99	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	202031	136.05	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	653515	73.04	ng		-0.01
79) Terphenyl-d14	20.12	244	1113833	75.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	37838	33.817	ng		97
3) Pyridine	3.99	79	95944	32.030	ng		95
4) n-Nitrosodimethylamine	3.91	42	53857	37.900	ng		93
6) Aniline	7.48	93	135478	28.616	ng		98
8) 2-Chlorophenol	7.71	128	123425	41.978	ng		97
9) Benzaldehyde	7.29	77	63281	27.147	ng		96
10) Phenol	7.33	94	168610	43.070	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	115007	37.680	ng		97
12) 1,3-Dichlorobenzene	8.04	146	123383	37.104	ng		96
13) 1,4-Dichlorobenzene	8.19	146	127797	37.730	ng		96
14) 1,2-Dichlorobenzene	8.51	146	123304	37.678	ng		99
15) Benzyl Alcohol	8.39	79	119513	41.692	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	227800	37.317	ng		98
17) 2-Methylphenol	8.59	107	109449	43.846	ng		96
18) Hexachloroethane	9.24	117	44506	36.620	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	94910	36.489	ng		93
20) 3+4-Methylphenols	8.91	107	150344	43.355	ng		96
22) Acetophenone	8.98	105	182241	36.649	ng	#	95
24) Nitrobenzene	9.38	77	143134	39.829	ng		97
25) Isophorone	9.89	82	274022	38.177	ng		96
26) 2-Nitrophenol	10.09	139	69607	40.117	ng		97
27) 2,4-Dimethylphenol	10.13	122	130809	48.474	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	168153	38.550	ng		99
29) 2,4-Dichlorophenol	10.62	162	137192	45.154	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	132407	38.728	ng		97
31) Naphthalene	11.03	128	387417	39.495	ng		99
32) Benzoic acid	10.26	122	67736	38.131	ng		99
33) 4-Chloroaniline	11.14	127	96207	23.129	ng		97
34) Hexachlorobutadiene	11.29	225	87683	37.531	ng		95
35) Caprolactam	11.91	113	46730m	40.263	ng		
36) 4-Chloro-3-methylphenol	12.24	107	146414	42.039	ng		97
37) 2-Methylnaphthalene	12.62	142	290322	39.587	ng		100
38) 1-Methylnaphthalene	12.84	142	280582	39.369	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	166647	38.611	ng		99

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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	12.95	237	193683	83.737	ng		100
43) 2,4,6-Trichlorophenol	13.22	196	114825	45.442	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	124848	43.834	ng		96
46) 1,1'-Biphenyl	13.61	154	400839	38.253	ng		100
47) 2-Chloronaphthalene	13.67	162	310196	39.350	ng		98
48) 2-Nitroaniline	13.88	65	108615	42.874	ng		96
49) Acenaphthylene	14.51	152	503397	38.900	ng		100
50) Dimethylphthalate	14.23	163	416446	39.091	ng		100
51) 2,6-Dinitrotoluene	14.36	165	93326	41.323	ng		97
52) Acenaphthene	14.85	154	308287	39.581	ng		98
53) 3-Nitroaniline	14.69	138	67230	29.614	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	93320	66.474	ng		97
55) Dibenzofuran	15.18	168	502680	39.337	ng		99
56) 4-Nitrophenol	14.99	139	164087	80.797	ng		90
57) 2,4-Dinitrotoluene	15.14	165	134873	42.502	ng		91
58) Fluorene	15.82	166	399674	39.785	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123717	44.476	ng		97
60) Diethylphthalate	15.58	149	423638	40.171	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	214746	40.059	ng		98
62) 4-Nitroaniline	15.86	138	102608	41.691	ng		93
63) Azobenzene	16.10	77	383616	40.129	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	73333	38.636	ng		98
66) n-Nitrosodiphenylamine	16.03	169	371500	39.974	ng		96
67) 4-Bromophenyl-phenylether	16.70	248	137630	38.303	ng		97
68) Hexachlorobenzene	16.82	284	145107	38.959	ng		96
69) Atrazine	16.97	200	150183	41.061	ng		97
70) Pentachlorophenol	17.17	266	183463	77.993	ng		98
71) Phenanthrene	17.57	178	681367	38.535	ng		98
72) Anthracene	17.66	178	695455	40.361	ng		99
73) Carbazole	17.93	167	615613	39.631	ng		99
74) Di-n-butylphthalate	18.46	149	753049	41.203	ng		99
75) Fluoranthene	19.57	202	831246	39.779	ng		99
77) Benzidine	19.75	184	297368	28.704	ng		99
78) Pyrene	19.93	202	818982	38.606	ng		99
80) Butylbenzylphthalate	20.80	149	347003	42.221	ng		94
81) Benzo(a)anthracene	21.80	228	787741	38.501	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	208968	27.974	ng		98
83) Chrysene	21.87	228	755320	38.079	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	478154	41.401	ng		98
85) Di-n-octyl phthalate	22.91	149	820797	42.922	ng		95
86) Indeno(1,2,3-cd)pyrene	29.06	276	871403	38.724	ng		99
88) Benzo(b)fluoranthene	24.10	252	781997	43.060	ng		99
89) Benzo(k)fluoranthene	24.18	252	754494	44.632	ng		99
90) Benzo(a)pyrene	25.03	252	760388	45.311	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	713770	43.386	ng		98
92) Benzo(g,h,i)perylene	30.29	276	720565	43.610	ng		98

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

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