Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039837.D
Acq On : 11 Mar 2019 11:58
Operator : JU/SJ
Sample : PB117735BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117735BS

Manual Integrations APPROVED
Sohil
3/12/2019 4:42:17 PM

Quant Time: Mar 11 13:12:07 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	8.15	152	37407	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	171123	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	120553	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	309639	20.00	ng		-0.01
76) Chrysene-d12	21.82	240	318387	20.00	ng		-0.01
87) Perylene-d12	25.19	264	293443	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	321619	146.68	ng		-0.01
7) Phenol-d6	7.30	99	457543	139.95	ng		-0.01
23) Nitrobenzene-d5	9.33	82	248390	78.50	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	192496	136.99	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	633382	74.81	ng		-0.01
79) Terphenyl-d14	20.12	244	1126752	77.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	35201	34.774	ng		99
3) Pyridine	3.99	79	90924	33.550	ng		95
4) n-Nitrosodimethylamine	3.91	42	49803	38.738	ng		87
6) Aniline	7.48	93	127544	29.777	ng		99
8) 2-Chlorophenol	7.71	128	118127	44.407	ng		97
9) Benzaldehyde	7.30	77	50343	23.871	ng		94
10) Phenol	7.33	94	160153	45.218	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	110940	40.175	ng		95
12) 1,3-Dichlorobenzene	8.04	146	117743	39.137	ng		96
13) 1,4-Dichlorobenzene	8.19	146	118474	38.661	ng		98
14) 1,2-Dichlorobenzene	8.51	146	116023	39.186	ng		98
15) Benzyl Alcohol	8.39	79	111797	43.108	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216219	39.149	ng		100
17) 2-Methylphenol	8.59	107	106602	47.203	ng		97
18) Hexachloroethane	9.24	117	41109	37.386	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	92551	39.329	ng		94
20) 3+4-Methylphenols	8.91	107	143649	45.786	ng		97
22) Acetophenone	8.98	105	175561	38.225	ng	#	95
24) Nitrobenzene	9.38	77	139311	41.970	ng		97
25) Isophorone	9.89	82	265121	39.990	ng		98
26) 2-Nitrophenol	10.09	139	64915	40.506	ng	#	95
27) 2,4-Dimethylphenol	10.13	122	124872	50.099	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	161318	40.041	ng		98
29) 2,4-Dichlorophenol	10.62	162	131205	46.754	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	128480	40.686	ng		98
31) Naphthalene	11.03	128	372377	41.100	ng		100
32) Benzoic acid	10.26	122	62866	38.283	ng		97
33) 4-Chloroaniline	11.14	127	97052	25.261	ng		96
34) Hexachlorobutadiene	11.29	225	83962	38.910	ng		97
35) Caprolactam	11.92	113	45826m	42.749	ng		
36) 4-Chloro-3-methylphenol	12.24	107	145954	45.371	ng		99
37) 2-Methylnaphthalene	12.62	142	282617	41.723	ng		99
38) 1-Methylnaphthalene	12.84	142	272842	41.448	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	159044	38.943	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	190117	86.865	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	111544	46.651	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	121112	44.938	ng		97
46) 1,1'-Biphenyl	13.62	154	393300	39.666	ng		100
47) 2-Chloronaphthalene	13.66	162	305101	40.903	ng		98
48) 2-Nitroaniline	13.88	65	106010	44.223	ng		92
49) Acenaphthylene	14.51	152	497158	40.601	ng		99
50) Dimethylphthalate	14.23	163	414066	41.076	ng		99
51) 2,6-Dinitrotoluene	14.36	165	92488	43.279	ng		96
52) Acenaphthene	14.84	154	298774	40.539	ng		98
53) 3-Nitroaniline	14.69	138	65932	30.692	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	92025	69.054	ng		94
55) Dibenzofuran	15.18	168	502109	41.524	ng		100
56) 4-Nitrophenol	14.99	139	161390	83.984	ng		93
57) 2,4-Dinitrotoluene	15.14	165	134510	44.795	ng		84
58) Fluorene	15.83	166	393551	41.401	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	120539	45.796	ng		97
60) Diethylphthalate	15.58	149	430695	43.160	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	208573	41.118	ng		98
62) 4-Nitroaniline	15.86	138	100824	43.293	ng		95
63) Azobenzene	16.10	77	377405	41.722	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72036	39.347	ng		97
66) n-Nitrosodiphenylamine	16.03	169	372502	41.555	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	136907	39.501	ng		95
68) Hexachlorobenzene	16.82	284	146007	40.641	ng		97
69) Atrazine	16.97	200	150469	42.651	ng		96
70) Pentachlorophenol	17.16	266	180842	79.703	ng		98
71) Phenanthrene	17.57	178	688407	40.363	ng		99
72) Anthracene	17.66	178	692445	41.663	ng		99
73) Carbazole	17.93	167	623301	41.600	ng		98
74) Di-n-butylphthalate	18.46	149	758139	43.006	ng		99
75) Fluoranthene	19.57	202	845891	41.967	ng		99
77) Benzidine	19.75	184	308495	30.534	ng		99
78) Pyrene	19.93	202	843578	40.774	ng		99
80) Butylbenzylphthalate	20.80	149	349205	43.566	ng		95
81) Benzo(a)anthracene	21.79	228	793357	39.759	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	205230	28.171	ng		99
83) Chrysene	21.86	228	760506	39.313	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	485658	43.117	ng		98
85) Di-n-octyl phthalate	22.92	149	824180	44.192	ng		95
86) Indeno(1,2,3-cd)pyrene	29.07	276	881125	40.150	ng		97
88) Benzo(b)fluoranthene	24.10	252	804819	45.993	ng		99
89) Benzo(k)fluoranthene	24.18	252	752423	46.193	ng		99
90) Benzo(a)pyrene	25.03	252	763229	47.201	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	730143	46.060	ng		99
92) Benzo(g,h,i)perylene	30.29	276	731824	45.967	ng		97

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

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