Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039974.D
Acq On : 18 Mar 2019 17:58
Operator : JU/SJ
Sample : PB117991BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117991BS

Manual Integrations APPROVED
Sohil
3/20/2019 6:52:19 PM

Quant Time: Mar 19 08:02:20 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	39155	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	173166	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	112738	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	273718	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	274392	20.00	ng		-0.02
87) Perylene-d12	25.16	264	251368	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	333638	145.37	ng		-0.02
7) Phenol-d6	7.29	99	457969	133.82	ng		-0.02
23) Nitrobenzene-d5	9.33	82	258225	80.65	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	174304	132.65	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	610016	77.04	ng		-0.02
79) Terphenyl-d14	20.11	244	984465	79.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	36531	34.476	ng		98
3) Pyridine	3.98	79	94104	33.174	ng		96
4) n-Nitrosodimethylamine	3.90	42	56884	42.270	ng	#	96
6) Aniline	7.47	93	121494	27.098	ng		98
8) 2-Chlorophenol	7.70	128	119396	42.880	ng		97
9) Benzaldehyde	7.28	77	39382	17.840	ng		95
10) Phenol	7.32	94	159081	42.910	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	116208	40.204	ng		99
12) 1,3-Dichlorobenzene	8.03	146	122289	38.833	ng		98
13) 1,4-Dichlorobenzene	8.18	146	124319	38.757	ng		96
14) 1,2-Dichlorobenzene	8.50	146	119770	38.646	ng		96
15) Benzyl Alcohol	8.38	79	112757	41.537	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	238958	41.335	ng		99
17) 2-Methylphenol	8.58	107	104651	44.270	ng		94
18) Hexachloroethane	9.23	117	47287	41.085	ng		99
19) n-Nitroso-di-n-propylamine	8.94	70	95106	38.611	ng		95
20) 3+4-Methylphenols	8.91	107	140864	42.894	ng		98
22) Acetophenone	8.97	105	180148	38.760	ng	#	97
24) Nitrobenzene	9.37	77	143708	42.784	ng		99
25) Isophorone	9.88	82	268040	39.954	ng		99
26) 2-Nitrophenol	10.07	139	68958	42.521	ng		96
27) 2,4-Dimethylphenol	10.12	122	121627	48.222	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	163699	40.152	ng		98
29) 2,4-Dichlorophenol	10.61	162	129553	45.621	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	132708	41.530	ng		99
31) Naphthalene	11.02	128	374112	40.805	ng		99
32) Benzoic acid	10.25	122	57871	35.421	ng		94
33) 4-Chloroaniline	11.13	127	95963	24.683	ng		96
34) Hexachlorobutadiene	11.28	225	88652	40.598	ng		95
35) Caprolactam	11.91	113	42904m	39.551	ng		
36) 4-Chloro-3-methylphenol	12.23	107	137037	42.096	ng		98
37) 2-Methylnaphthalene	12.61	142	280915	40.982	ng		99
38) 1-Methylnaphthalene	12.83	142	269065	40.392	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	157603	41.265	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	199216	97.332	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	105640	47.245	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	112295	44.555	ng		99
46) 1,1'-Biphenyl	13.61	154	374730	40.413	ng		99
47) 2-Chloronaphthalene	13.66	162	292657	41.954	ng		98
48) 2-Nitroaniline	13.87	65	101307	45.191	ng		98
49) Acenaphthylene	14.50	152	462077	40.352	ng		100
50) Dimethylphthalate	14.22	163	377940	40.091	ng		100
51) 2,6-Dinitrotoluene	14.35	165	83800	41.932	ng		93
52) Acenaphthene	14.84	154	280689	40.725	ng		99
53) 3-Nitroaniline	14.68	138	60769	30.250	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	61901	51.145	ng		98
55) Dibenzofuran	15.17	168	467184	41.314	ng		98
56) 4-Nitrophenol	14.98	139	141623	78.806	ng		90
57) 2,4-Dinitrotoluene	15.14	165	119786	42.657	ng		90
58) Fluorene	15.82	166	362509	40.779	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109047	44.302	ng		100
60) Diethylphthalate	15.57	149	385316	41.289	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	195380	41.187	ng		96
62) 4-Nitroaniline	15.85	138	87519	40.185	ng		96
63) Azobenzene	16.09	77	360201	42.580	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	61890	38.241	ng		99
66) n-Nitrosodiphenylamine	16.02	169	334214	42.176	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	126121	41.165	ng		93
68) Hexachlorobenzene	16.81	284	131203	41.313	ng		95
69) Atrazine	16.96	200	130115	41.721	ng		97
70) Pentachlorophenol	17.16	266	155739	77.647	ng		98
71) Phenanthrene	17.56	178	607978	40.326	ng		99
72) Anthracene	17.65	178	620713	42.248	ng		99
73) Carbazole	17.92	167	540354	40.797	ng		98
74) Di-n-butylphthalate	18.45	149	658478	42.254	ng		100
75) Fluoranthene	19.56	202	729583	40.946	ng		98
77) Benzidine	19.74	184	259093	29.756	ng		99
78) Pyrene	19.92	202	725778	40.705	ng		99
80) Butylbenzylphthalate	20.79	149	301392	43.630	ng		97
81) Benzo(a)anthracene	21.79	228	693302	40.315	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	172348	27.450	ng		97
83) Chrysene	21.86	228	660787	39.635	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	420880	43.357	ng		100
85) Di-n-octyl phthalate	22.90	149	718752	44.718	ng		97
86) Indeno(1,2,3-cd)pyrene	29.03	276	766604	40.532	ng	#	97
88) Benzo(b)fluoranthene	24.09	252	685780	45.750	ng		98
89) Benzo(k)fluoranthene	24.17	252	661779	47.429	ng		98
90) Benzo(a)pyrene	25.01	252	671079	48.449	ng		96
91) Dibenzo(a,h)anthracene	29.10	278	627893	46.240	ng		97
92) Benzo(g,h,i)perylene	30.25	276	638986	46.854	ng		97

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

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