Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037633.D
Acq On : 29 Oct 2018 21:45
Operator : JU/SJ
Sample : J5665-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DL-08AMS

Manual Integrations APPROVED
Sohil
10/30/2018 5:50:24 PM

Quant Time: Oct 30 05:29:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	64269	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	294631	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	193986	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	442436	20.00	ng		0.00
76) Chrysene-d12	21.77	240	376528	20.00	ng		0.00
87) Perylene-d12	25.10	264	394662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	597113	155.33	ng		0.00
7) Phenol-d6	7.25	99	879956	151.38	ng		0.00
23) Nitrobenzene-d5	9.28	82	524589	99.74	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	314851	148.81	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1197883	93.12	ng		0.00
79) Terphenyl-d14	20.08	244	1605782	91.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49750	25.519	ng		95
4) n-Nitrosodimethylamine	3.85	42	72851	41.626	ng	#	99
6) Aniline	7.43	93	4901m	0.691	ng		
8) 2-Chlorophenol	7.66	128	193857	43.107	ng		100
9) Benzaldehyde	7.24	77	115336	31.719	ng		98
10) Phenol	7.28	94	323252	52.705	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	179673	38.572	ng		95
12) 1,3-Dichlorobenzene	7.99	146	182948	36.542	ng		96
13) 1,4-Dichlorobenzene	8.14	146	189844	37.070	ng		99
14) 1,2-Dichlorobenzene	8.46	146	182403	37.026	ng		99
15) Benzyl Alcohol	8.34	79	181258	42.201	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	332977	39.950	ng		97
17) 2-Methylphenol	8.54	107	176561	43.544	ng		98
18) Hexachloroethane	9.19	117	67362	38.583	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	155718	38.902	ng		94
20) 3+4-Methylphenols	8.86	107	252986	43.639	ng		99
22) Acetophenone	8.93	105	293828	39.764	ng	#	96
24) Nitrobenzene	9.32	77	220449	40.347	ng		96
25) Isophorone	9.84	82	455298	47.378	ng		98
26) 2-Nitrophenol	10.03	139	111484	45.293	ng		99
27) 2,4-Dimethylphenol	10.07	122	191388	43.549	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	270075	42.895	ng		96
29) 2,4-Dichlorophenol	10.56	162	215737	44.089	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	207393	38.975	ng		99
31) Naphthalene	10.97	128	616768	42.619	ng		99
32) Benzoic acid	10.15	122	20081	7.035	ng		94
33) 4-Chloroaniline	11.09	127	28134	4.138	ng		97
34) Hexachlorobutadiene	11.24	225	119586	37.919	ng		97
35) Caprolactam	11.87	113	47854m	24.385	ng		
36) 4-Chloro-3-methylphenol	12.18	107	241901	43.835	ng		98
37) 2-Methylnaphthalene	12.57	142	481415	45.635	ng		99
38) 1-Methylnaphthalene	12.79	142	455750	44.486	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	241294	38.563	ng		99
41) Hexachlorocyclopentadiene	12.90	237	291777	97.622	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.17	196	183900	43.992	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	199172	43.761	ng		97
46) 1,1'-Biphenyl	13.57	154	614000	38.219	ng		99
47) 2-Chloronaphthalene	13.62	162	482462	39.695	ng		97
48) 2-Nitroaniline	13.83	65	164578	44.652	ng		95
49) Acenaphthylene	14.46	152	801128	43.818	ng		99
50) Dimethylphthalate	14.19	163	823683	54.886	ng		100
51) 2,6-Dinitrotoluene	14.32	165	143224	43.141	ng		96
52) Acenaphthene	14.80	154	471188	41.846	ng		99
53) 3-Nitroaniline	14.65	138	108519	29.445	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	99575	72.233	ng		95
55) Dibenzofuran	15.13	168	748299	40.111	ng		98
56) 4-Nitrophenol	14.95	139	323294	118.509	ng		100
57) 2,4-Dinitrotoluene	15.10	165	199185	45.707	ng		98
58) Fluorene	15.78	166	600200	42.962	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	173308	44.474	ng		99
60) Diethylphthalate	15.54	149	635924	41.275	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	316603	38.881	ng		98
62) 4-Nitroaniline	15.82	138	149482	40.818	ng		93
63) Azobenzene	16.06	77	610178	41.508	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	98828	43.530	ng		99
66) n-Nitrosodiphenylamine	15.99	169	377416	28.359	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	199657	41.093	ng		97
68) Hexachlorobenzene	16.77	284	198959	39.511	ng		97
69) Atrazine	16.93	200	96119	19.976	ng		98
70) Pentachlorophenol	17.12	266	240392	71.270	ng		95
71) Phenanthrene	17.52	178	964926	42.912	ng		98
72) Anthracene	17.62	178	968411	43.885	ng		97
73) Carbazole	17.89	167	892969	40.455	ng		99
74) Di-n-butylphthalate	18.42	149	1048166	42.687	ng		99
75) Fluoranthene	19.53	202	1089050	42.702	ng		98
77) Benzidine	20.08	184	28234	2.205	ng	#	95
78) Pyrene	19.89	202	1090731	44.313	ng		98
80) Butylbenzylphthalate	20.76	149	474622	47.115	ng		98
81) Benzo(a)anthracene	21.75	228	1002051	44.993	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	35357	4.096	ng		98
83) Chrysene	21.82	228	932514	43.544	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	656541	46.496	ng		98
85) Di-n-octyl phthalate	22.87	149	1118400	48.572	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1048761	45.659	ng	#	97
88) Benzo(b)fluoranthene	24.03	252	981329	45.355	ng		98
89) Benzo(k)fluoranthene	24.11	252	930303	43.886	ng		98
90) Benzo(a)pyrene	24.95	252	917053	44.604	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	863896	45.552	ng		98
92) Benzo(g,h,i)perylene	30.13	276	886758	46.217	ng		99

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

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