Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040914.D
Acq On : 13 May 2019 16:54
Operator : HP/JU
Sample : PB119674BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119674BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:52 PM

Quant Time: May 14 01:56:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49391	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	205892	20.00	ng		-0.04
39) Acenaphthene-d10	14.76	164	151719	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	395179	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	458905	20.00	ng		-0.04
87) Perylene-d12	25.13	264	302451	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	245577	87.65	ng		-0.02
7) Phenol-d6	7.27	99	356409	82.61	ng		-0.02
23) Nitrobenzene-d5	9.30	82	335602	75.32	ng		-0.04
42) 2,4,6-Tribromophenol	16.24	330	190883	91.53	ng		-0.03
45) 2-Fluorobiphenyl	13.38	172	792843	75.47	ng		-0.04
79) Terphenyl-d14	20.10	244	1502456	72.53	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	44636	35.029	ng		90
3) Pyridine	3.93	79	110615	29.949	ng		97
4) n-Nitrosodimethylamine	3.85	42	65050	31.753	ng		85
6) Aniline	7.45	93	119136	20.835	ng		99
8) 2-Chlorophenol	7.69	128	145981	42.669	ng		95
9) Benzaldehyde	7.28	77	5803	Below Cal		#	31
10) Phenol	7.30	94	196594	42.392	ng		94
11) bis(2-Chloroethyl)ether	7.54	93	127922	36.785	ng		96
12) 1,3-Dichlorobenzene	8.01	146	144190	38.613	ng		100
13) 1,4-Dichlorobenzene	8.16	146	145568	38.454	ng		97
14) 1,2-Dichlorobenzene	8.48	146	142943	39.155	ng		99
15) Benzyl Alcohol	8.36	79	165210	36.804	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	207686	29.997	ng		93
17) 2-Methylphenol	8.56	107	140760	42.890	ng		95
18) Hexachloroethane	9.22	117	55529	35.759	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	131102	33.759	ng		90
20) 3+4-Methylphenols	8.89	107	194583	42.560	ng		98
22) Acetophenone	8.96	105	232033	40.527	ng	#	93
24) Nitrobenzene	9.35	77	193413	40.682	ng		92
25) Isophorone	9.86	82	365740	36.848	ng		99
26) 2-Nitrophenol	10.06	139	86952	51.022	ng		95
27) 2,4-Dimethylphenol	10.10	122	157679	49.313	ng		94
28) bis(2-Chloroethoxy)methane	10.34	93	194788	39.115	ng		98
29) 2,4-Dichlorophenol	10.59	162	178217	49.026	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	181601	45.049	ng		99
31) Naphthalene	11.00	128	450971	41.228	ng		99
32) Benzoic acid	10.23	122	115497	52.764	ng		90
33) 4-Chloroaniline	11.11	127	101198	20.866	ng		95
34) Hexachlorobutadiene	11.27	225	130551	43.867	ng		99
35) Caprolactam	11.90	113	54318m	37.847	ng		
36) 4-Chloro-3-methylphenol	12.21	107	199720	43.552	ng		97
37) 2-Methylnaphthalene	12.59	142	350011	42.797	ng		99
38) 1-Methylnaphthalene	12.81	142	332132	41.548	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	253096	44.781	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	190027	56.978	ng		97
43) 2,4,6-Trichlorophenol	13.19	196	173410	50.772	ng		99
44) 2,4,5-Trichlorophenol	13.27	196	178383	47.944	ng		95
46) 1,1'-Biphenyl	13.59	154	478659	40.635	ng		97
47) 2-Chloronaphthalene	13.65	162	397696	43.141	ng		99
48) 2-Nitroaniline	13.85	65	140739	42.889	ng		89
49) Acenaphthylene	14.49	152	607353	38.832	ng		100
50) Dimethylphthalate	14.20	163	528182	41.609	ng		99
51) 2,6-Dinitrotoluene	14.34	165	114676	46.287	ng		90
52) Acenaphthene	14.83	154	362621	39.812	ng		96
53) 3-Nitroaniline	14.67	138	77500	30.530	ng	#	91
54) 2,4-Dinitrophenol	14.87	184	156522	109.212	ng	#	91
55) Dibenzofuran	15.16	168	623012	41.760	ng		99
56) 4-Nitrophenol	14.96	139	186994	84.954	ng		92
57) 2,4-Dinitrotoluene	15.12	165	167181	49.660	ng	#	84
58) Fluorene	15.80	166	495360	41.080	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	187600	50.095	ng		93
60) Diethylphthalate	15.56	149	537281	40.116	ng		97
61) 4-Chlorophenyl-phenylether	15.79	204	312248	44.523	ng		94
62) 4-Nitroaniline	15.83	138	112289	39.544	ng		92
63) Azobenzene	16.08	77	499737	36.231	ng		95
65) 4,6-Dinitro-2-methylphenol	15.87	198	104212	52.703	ng		89
66) n-Nitrosodiphenylamine	16.01	169	455270	39.158	ng		96
67) 4-Bromophenyl-phenylether	16.68	248	206075	41.856	ng		94
68) Hexachlorobenzene	16.80	284	212709	41.783	ng		97
69) Atrazine	16.94	200	162073	35.184	ng		97
70) Pentachlorophenol	17.14	266	280127	94.035	ng		99
71) Phenanthrene	17.55	178	847470	39.815	ng		98
72) Anthracene	17.64	178	858873	40.143	ng		99
73) Carbazole	17.91	167	762038	39.093	ng		99
74) Di-n-butylphthalate	18.44	149	930274	39.540	ng		99
75) Fluoranthene	19.55	202	1124770	42.404	ng		99
77) Benzidine	19.73	184	154983	12.334	ng		98
78) Pyrene	19.91	202	1130127	39.292	ng		100
80) Butylbenzylphthalate	20.77	149	428162	38.194	ng		93
81) Benzo(a)anthracene	21.77	228	1094936	37.752	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	318806	30.840	ng		99
83) Chrysene	21.84	228	1080307	39.166	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	600091	37.084	ng		96
85) Di-n-octyl phthalate	22.88	149	1036083	38.018	ng		95
86) Indeno(1,2,3-cd)pyrene	28.98	276	1319433	39.564	ng	#	87
88) Benzo(b)fluoranthene	24.06	252	1129439	61.109	ng		96
89) Benzo(k)fluoranthene	24.13	252	1117166m	64.723	ng		
90) Benzo(a)pyrene	24.97	252	1085292	62.034	ng		99
91) Dibenzo(a,h)anthracene	29.05	278	1099773	62.118	ng		97
92) Benzo(g,h,i)perylene	30.19	276	1108275	62.898	ng		96

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

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