Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
Data File : BG040387.D
Acq On : 5 Apr 2019 21:45
Operator : JU/SJ
Sample : PB118634BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118634BS

Manual Integrations APPROVED
Sohil
4/8/2019 10:02:09 AM

Quant Time: Apr 06 00:31:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64610	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	259354	20.00	ng		-0.03
39) Acenaphthene-d10	14.67	164	162190	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	407354	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	456415	20.00	ng		-0.03
87) Perylene-d12	24.97	264	455980	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	516964	133.01	ng		-0.02
7) Phenol-d6	7.21	99	694292	129.26	ng		-0.02
23) Nitrobenzene-d5	9.22	82	421255	86.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	251811	143.66	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	939845	85.86	ng		-0.02
79) Terphenyl-d14	20.02	244	1587795	78.26	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	67820	37.111	ng		98
3) Pyridine	3.89	79	163002	33.127	ng		98
4) n-Nitrosodimethylamine	3.82	42	86042	37.803	ng	#	88
6) Aniline	7.37	93	194133	27.819	ng		97
8) 2-Chlorophenol	7.61	128	178959	39.336	ng		98
9) Benzaldehyde	7.19	77	108120	29.346	ng		98
10) Phenol	7.23	94	233524	40.055	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	176456	37.789	ng		98
12) 1,3-Dichlorobenzene	7.93	146	184785	37.363	ng		94
13) 1,4-Dichlorobenzene	8.08	146	187231	38.011	ng		97
14) 1,2-Dichlorobenzene	8.40	146	178292	37.850	ng		99
15) Benzyl Alcohol	8.29	79	159036	36.765	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	323636	36.113	ng		99
17) 2-Methylphenol	8.48	107	159133	39.446	ng		97
18) Hexachloroethane	9.12	117	69116	36.888	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	133673	34.711	ng		100
20) 3+4-Methylphenols	8.81	107	218892	40.052	ng		96
22) Acetophenone	8.88	105	269817	41.706	ng	#	98
24) Nitrobenzene	9.26	77	201720	39.923	ng		98
25) Isophorone	9.77	82	385839	38.432	ng		98
26) 2-Nitrophenol	9.97	139	98623	41.193	ng		97
27) 2,4-Dimethylphenol	10.02	122	180368	47.428	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	235370	39.627	ng		97
29) 2,4-Dichlorophenol	10.50	162	178120	43.150	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	184536	40.713	ng		97
31) Naphthalene	10.91	128	544528	40.961	ng		100
32) Benzoic acid	10.16	122	67732	29.478	ng		95
33) 4-Chloroaniline	11.03	127	143237	25.260	ng		96
34) Hexachlorobutadiene	11.17	225	111152	38.344	ng		96
35) Caprolactam	11.81	113	64066m	39.110	ng		
36) 4-Chloro-3-methylphenol	12.14	107	198256	41.778	ng		99
37) 2-Methylnaphthalene	12.51	142	404369	41.128	ng		99
38) 1-Methylnaphthalene	12.73	142	389642	40.869	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	204873	39.743	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	236335	83.497 ng	95
43) 2,4,6-Trichlorophenol	13.11	196	141887	42.691 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	156604	43.230 ng	98
46) 1,1'-Biphenyl	13.51	154	518925	40.493 ng	98
47) 2-Chloronaphthalene	13.56	162	401340	40.828 ng	99
48) 2-Nitroaniline	13.77	65	135523	40.873 ng	97
49) Acenaphthylene	14.40	152	662070	39.724 ng	99
50) Dimethylphthalate	14.13	163	516422	40.684 ng	99
51) 2,6-Dinitrotoluene	14.26	165	117064	41.072 ng	94
52) Acenaphthene	14.74	154	384193	40.229 ng	99
53) 3-Nitroaniline	14.59	138	88129	29.211 ng	96
54) 2,4-Dinitrophenol	14.80	184	118206	77.983 ng	93
55) Dibenzofuran	15.07	168	630332	41.075 ng	100
56) 4-Nitrophenol	14.90	139	212960	87.459 ng	98
57) 2,4-Dinitrotoluene	15.04	165	172445	43.543 ng	99
58) Fluorene	15.72	166	491553	40.742 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	152620	46.427 ng	97
60) Diethylphthalate	15.48	149	544791	41.942 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	268226	41.591 ng	99
62) 4-Nitroaniline	15.76	138	140259	43.320 ng	97
63) Azobenzene	16.00	77	501943	40.967 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	95744	41.835 ng	97
66) n-Nitrosodiphenylamine	15.93	169	471921	39.590 ng	97
67) 4-Bromophenyl-phenylether	16.60	248	177907	38.809 ng	98
68) Hexachlorobenzene	16.72	284	183448	39.801 ng	98
69) Atrazine	16.87	200	175165	39.503 ng	98
70) Pentachlorophenol	17.07	266	205863	77.254 ng	95
71) Phenanthrene	17.47	178	876040	40.915 ng	99
72) Anthracene	17.55	178	891835	41.614 ng	99
73) Carbazole	17.83	167	870197	42.905 ng	99
74) Di-n-butylphthalate	18.36	149	1017807	42.336 ng	99
75) Fluoranthene	19.47	202	1126054	44.414 ng	99
77) Benzidine	19.66	184	460026	27.911 ng	98
78) Pyrene	19.83	202	1134844	37.810 ng	99
80) Butylbenzylphthalate	20.70	149	516091	40.183 ng	95
81) Benzo(a)anthracene	21.67	228	1078184	38.352 ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	307609	28.764 ng	99
83) Chrysene	21.74	228	1072944	39.712 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	731705	39.854 ng	99
85) Di-n-octyl phthalate	22.77	149	1265814	40.467 ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1371796	41.513 ng	100
88) Benzo(b)fluoranthene	23.92	252	1192118	42.702 ng	98
89) Benzo(k)fluoranthene	23.99	252	1147657	44.703 ng	98
90) Benzo(a)pyrene	24.82	252	1167301	44.565 ng	98
91) Dibenzo(a,h)anthracene	28.79	278	1108642	45.572 ng	99
92) Benzo(g,h,i)perylene	29.92	276	1139627	45.583 ng	98

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

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