Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
Data File : BG040319.D
Acq On : 3 Apr 2019 8:07
Operator : JU/SJ
Sample : PB118519BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118519BS

Manual Integrations APPROVED
Sohil
4/3/2019 5:23:13 PM

Quant Time: Apr 03 09:04:53 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	72021	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	321648	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	224945	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	558164	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	537197	20.00	ng		-0.01
87) Perylene-d12	25.08	264	510263	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	641254	148.02	ng		-0.01
7) Phenol-d6	7.21	99	929355	155.22	ng		-0.01
23) Nitrobenzene-d5	9.23	82	546883	90.37	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	381939	157.11	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1286639	84.75	ng		-0.02
79) Terphenyl-d14	20.03	244	1950133	81.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	61166	30.026	ng		96
3) Pyridine	3.90	79	168150	30.657	ng		99
4) n-Nitrosodimethylamine	3.82	42	92921	36.625	ng	#	90
6) Aniline	7.38	93	239649	30.808	ng		99
8) 2-Chlorophenol	7.62	128	223266	44.025	ng		94
9) Benzaldehyde	7.20	77	109439	26.647	ng		99
10) Phenol	7.24	94	303537	46.707	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	209353	40.221	ng		98
12) 1,3-Dichlorobenzene	7.94	146	208738	37.863	ng		96
13) 1,4-Dichlorobenzene	8.09	146	217566	39.624	ng		100
14) 1,2-Dichlorobenzene	8.41	146	210832	40.152	ng		98
15) Benzyl Alcohol	8.29	79	213111	44.197	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	389021	38.942	ng		99
17) 2-Methylphenol	8.49	107	213736	47.529	ng		97
18) Hexachloroethane	9.13	117	78907	37.780	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	176833	41.193	ng		99
20) 3+4-Methylphenols	8.82	107	296408	48.655	ng		99
22) Acetophenone	8.88	105	346768	43.219	ng	#	98
24) Nitrobenzene	9.28	77	257623	41.112	ng		98
25) Isophorone	9.79	82	530997	42.647	ng		96
26) 2-Nitrophenol	9.98	139	134199	45.197	ng		99
27) 2,4-Dimethylphenol	10.03	122	239631	50.808	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	312080	42.366	ng		99
29) 2,4-Dichlorophenol	10.51	162	248663	48.573	ng		100
30) 1,2,4-Trichlorobenzene	10.73	180	234208	41.665	ng		97
31) Naphthalene	10.92	128	702522	42.611	ng		100
32) Benzoic acid	10.16	122	52021	18.255	ng		92
33) 4-Chloroaniline	11.03	127	167051	23.754	ng		98
34) Hexachlorobutadiene	11.18	225	139881	38.909	ng		95
35) Caprolactam	11.84	113	99730m	49.090	ng		
36) 4-Chloro-3-methylphenol	12.14	107	294512	50.042	ng		99
37) 2-Methylnaphthalene	12.52	142	555471	45.555	ng		98
38) 1-Methylnaphthalene	12.74	142	529126	44.751	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	283305	39.626	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	12.85	237	312369	79.572 ng	98
43) 2,4,6-Trichlorophenol	13.12	196	217922	47.276 ng	96
44) 2,4,5-Trichlorophenol	13.19	196	234053	46.584 ng	98
46) 1,1'-Biphenyl	13.52	154	721318	40.584 ng	100
47) 2-Chloronaphthalene	13.57	162	566068	41.521 ng	98
48) 2-Nitroaniline	13.78	65	204443	44.457 ng	97
49) Acenaphthylene	14.41	152	960981	41.573 ng	99
50) Dimethylphthalate	14.14	163	751378	42.680 ng	99
51) 2,6-Dinitrotoluene	14.27	165	175803	44.474 ng	99
52) Acenaphthene	14.75	154	561754	42.411 ng	98
53) 3-Nitroaniline	14.60	138	127526	30.477 ng	95
54) 2,4-Dinitrophenol	14.81	184	56418	26.837 ng	96
55) Dibenzofuran	15.09	168	921191	43.282 ng	100
56) 4-Nitrophenol	14.91	139	280046	82.925 ng	97
57) 2,4-Dinitrotoluene	15.06	165	255951	46.598 ng	99
58) Fluorene	15.73	166	725755	43.372 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	223806	49.088 ng	98
60) Diethylphthalate	15.49	149	796575	44.217 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	397921	44.488 ng	98
62) 4-Nitroaniline	15.77	138	198561	44.218 ng	99
63) Azobenzene	16.01	77	745191	43.853 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	88696	28.284 ng	98
66) n-Nitrosodiphenylamine	15.94	169	695070	42.555 ng	98
67) 4-Bromophenyl-phenylether	16.61	248	268206	42.699 ng	97
68) Hexachlorobenzene	16.73	284	273093	43.241 ng	97
69) Atrazine	16.88	200	241747	39.788 ng	99
70) Pentachlorophenol	17.08	266	260505	71.346 ng	98
71) Phenanthrene	17.48	178	1230980	41.958 ng	99
72) Anthracene	17.57	178	1233897	42.019 ng	97
73) Carbazole	17.84	167	1148376	41.322 ng	98
74) Di-n-butylphthalate	18.37	149	1347309	40.900 ng	99
75) Fluoranthene	19.48	202	1445355	41.605 ng	98
77) Benzidine	19.67	184	444124	22.894 ng	99
78) Pyrene	19.85	202	1443813	40.870 ng	97
80) Butylbenzylphthalate	20.71	149	631797	41.794 ng	97
81) Benzo(a)anthracene	21.70	228	1372422	41.477 ng	96
82) 3,3'-Dichlorobenzidine	21.61	252	310419	24.662 ng	99
83) Chrysene	21.77	228	1375344	43.250 ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	887624	41.077 ng	99
85) Di-n-octyl phthalate	22.81	149	1533846	41.662 ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1680964m	43.220 ng	
88) Benzo(b)fluoranthene	23.98	252	1492908m	47.788 ng	
89) Benzo(k)fluoranthene	24.06	252	1348954	46.955 ng	99
90) Benzo(a)pyrene	24.92	252	1414342	48.252 ng	99
91) Dibenzo(a,h)anthracene	29.05	278	1369689	50.313 ng	97
92) Benzo(g,h,i)perylene	30.33	276	1399459m	50.021 ng	

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

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