Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
Data File : BG039508.D
Acq On : 14 Feb 2019 11:16
Operator : JU/SJ
Sample : PB117058BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117058BS

Quant Time: Feb 14 16:00:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	79790	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	357066	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	241552	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	551031	20.00	ng	0.00
76) Chrysene-d12	21.84	240	534011	20.00	ng	0.00
87) Perylene-d12	25.22	264	541766	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	635117	136.23	ng	0.00
7) Phenol-d6	7.33	99	991593	144.50	ng	0.00
23) Nitrobenzene-d5	9.35	82	481452	84.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	425011	163.40	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1148991	68.24	ng	-0.02
79) Terphenyl-d14	20.14	244	1743388	69.10	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	71816	35.217	ng	95
3) Pyridine	4.01	79	221689	41.060	ng	95
4) n-Nitrosodimethylamine	3.93	42	114067	42.244	ng	93
6) Aniline	7.50	93	373237	43.422	ng	99
8) 2-Chlorophenol	7.73	128	227135	44.572	ng	96
9) Benzaldehyde	7.32	77	143332	42.598	ng	99
10) Phenol	7.35	94	320108	44.749	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	226917	40.144	ng	97
12) 1,3-Dichlorobenzene	8.06	146	245745	39.807	ng	98
13) 1,4-Dichlorobenzene	8.21	146	252989	41.116	ng	98
14) 1,2-Dichlorobenzene	8.53	146	241996	40.626	ng	99
15) Benzyl Alcohol	8.42	79	238971	44.357	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	439264	34.412	ng	99
17) 2-Methylphenol	8.61	107	213075	46.029	ng	97
18) Hexachloroethane	9.26	117	89365	42.215	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	197032	40.453	ng	93
20) 3+4-Methylphenols	8.94	107	301244	47.257	ng	98
22) Acetophenone	9.00	105	372045	38.790	ng	96
24) Nitrobenzene	9.40	77	290123	46.985	ng	96
25) Isophorone	9.91	82	567091	44.773	ng	98
26) 2-Nitrophenol	10.10	139	150411	58.163	ng	99
27) 2,4-Dimethylphenol	10.15	122	251340	49.055	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	333800	42.787	ng	96
29) 2,4-Dichlorophenol	10.64	162	278665	49.764	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	271880	43.245	ng	98
31) Naphthalene	11.05	128	762761	43.060	ng	97
32) Benzoic acid	10.31	122	197517	56.828	ng	97
33) 4-Chloroaniline	11.16	127	367735	44.773	ng	97
34) Hexachlorobutadiene	11.31	225	171313	40.974	ng	95
35) Caprolactam	11.96	113	76074	32.830	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	299585	46.260	ng	93
37) 2-Methylnaphthalene	12.64	142	591297	45.069	ng	99
38) 1-Methylnaphthalene	12.86	142	561179	44.373	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	328555	42.750	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	361131	86.231 ng		98
43) 2,4,6-Trichlorophenol	13.23	196	233232	49.357 ng		99
44) 2,4,5-Trichlorophenol	13.31	196	252096	50.901 ng		98
46) 1,1'-Biphenyl	13.63	154	776266	38.625 ng		97
47) 2-Chloronaphthalene	13.69	162	612491	40.511 ng		97
48) 2-Nitroaniline	13.89	65	216206	49.473 ng		95
49) Acenaphthylene	14.53	152	957804	41.984 ng		99
50) Dimethylphthalate	14.25	163	800627	41.040 ng		99
51) 2,6-Dinitrotoluene	14.38	165	182255	49.715 ng		97
52) Acenaphthene	14.86	154	588145	39.716 ng		98
53) 3-Nitroaniline	14.71	138	185617	47.279 ng	#	91
54) 2,4-Dinitrophenol	14.91	184	169151	95.691 ng		98
55) Dibenzofuran	15.19	168	955606	40.247 ng		97
56) 4-Nitrophenol	15.01	139	299624	84.585 ng		90
57) 2,4-Dinitrotoluene	15.16	165	263298	55.010 ng	#	85
58) Fluorene	15.84	166	750482	42.401 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	238167	51.360 ng		98
60) Diethylphthalate	15.60	149	796588	39.493 ng		96
61) 4-Chlorophenyl-phenylether	15.83	204	407845	40.695 ng		94
62) 4-Nitroaniline	15.88	138	194131	47.502 ng		89
63) Azobenzene	16.12	77	715288	36.282 ng		96
65) 4,6-Dinitro-2-methylphenol	15.92	198	137420	58.314 ng		95
66) n-Nitrosodiphenylamine	16.05	169	686208	40.955 ng		99
67) 4-Bromophenyl-phenylether	16.72	248	269288	44.051 ng		94
68) Hexachlorobenzene	16.83	284	273282	44.557 ng		96
69) Atrazine	16.99	200	245367	40.073 ng		97
70) Pentachlorophenol	17.18	266	349490	81.988 ng		98
71) Phenanthrene	17.59	178	1189772	41.717 ng		97
72) Anthracene	17.68	178	1195446	42.555 ng		97
73) Carbazole	17.95	167	1053436	37.575 ng		100
74) Di-n-butylphthalate	18.48	149	1279196	39.111 ng		98
75) Fluoranthene	19.58	202	1362493	41.160 ng		99
77) Benzidine	19.77	184	1276310	72.899 ng		96
78) Pyrene	19.95	202	1355959	40.789 ng		97
80) Butylbenzylphthalate	20.82	149	590132	42.082 ng		95
81) Benzo(a)anthracene	21.82	228	1353069	42.881 ng		97
82) 3,3'-Dichlorobenzidine	21.73	252	513949	43.927 ng		97
83) Chrysene	21.89	228	1250736	41.639 ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	826921	41.333 ng	#	99
85) Di-n-octyl phthalate	22.95	149	1411778	42.713 ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1535013	47.630 ng		99
88) Benzo(b)fluoranthene	24.14	252	1325334	44.857 ng		97
89) Benzo(k)fluoranthene	24.21	252	1275816	43.010 ng		99
90) Benzo(a)pyrene	25.06	252	1297453	45.597 ng		99
91) Dibenzo(a,h)anthracene	29.19	278	1235793	46.375 ng		98
92) Benzo(g,h,i)perylene	30.35	276	1277738	48.107 ng		99

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

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