Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
Data File : BG046599.D
Acq On : 11 Sep 2020 16:46
Operator : CG/JU
Sample : PB131544BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131544BSD

Manual Integrations APPROVED
mohammad
9/14/2020 12:13:09 PM

Quant Time: Sep 11 18:38:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	74780	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	309479	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	212576	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500559	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480080	20.00	ng	0.00
86) Perylene-d12	24.65	264	479735	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	450011	106.59	ng	0.00
7) Phenol-d6	7.11	99	588419	98.31	ng	0.00
23) Nitrobenzene-d5	9.08	82	376024	69.44	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	277055	96.19	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1003294	72.05	ng	0.00
79) Terphenyl-d14	19.92	244	1529409	67.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	87401	49.758	ng	99
3) Pyridine	3.80	79	123632	24.056	ng	96
4) n-Nitrosodimethylamine	3.72	42	69707	36.776	ng	99
6) Aniline	7.25	93	244541	36.309	ng	98
8) 2-Chlorophenol	7.49	128	194236	43.528	ng	99
9) Benzaldehyde	7.06	77	124480	37.122	ng	95
10) Phenol	7.13	94	238492	43.263	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	175586	39.626	ng	99
12) 1,3-Dichlorobenzene	7.82	146	207650	36.652	ng	100
13) 1,4-Dichlorobenzene	7.96	146	207977	36.668	ng	99
14) 1,2-Dichlorobenzene	8.28	146	208150	38.274	ng	99
15) Benzyl Alcohol	8.16	79	165920	43.179	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	264797	38.526	ng	99
17) 2-Methylphenol	8.38	107	169678	43.401	ng	99
18) Hexachloroethane	9.01	117	71734	37.301	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	144037	40.233	ng	99
20) 3+4-Methylphenols	8.70	107	232981	43.175	ng	99
22) Acetophenone	8.75	105	279121	37.051	ng	98
24) Nitrobenzene	9.12	77	203637	38.067	ng	99
25) Isophorone	9.65	82	401773	40.472	ng	98
26) 2-Nitrophenol	9.84	139	115176	40.808	ng	95
27) 2,4-Dimethylphenol	9.90	122	187794	48.377	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	243178	38.058	ng	100
29) 2,4-Dichlorophenol	10.38	162	214951	41.537	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	226012	36.810	ng	99
31) Naphthalene	10.77	128	580957	38.447	ng	99
32) Benzoic acid	10.06	122	74884	30.525	ng	93
33) 4-Chloroaniline	10.88	127	196085	29.428	ng	100
34) Hexachlorobutadiene	11.07	225	142620	35.782	ng	99
35) Caprolactam	11.65	113	71853m	37.145	ng	
36) 4-Chloro-3-methylphenol	12.01	107	213283	42.139	ng	95
37) 2-Methylnaphthalene	12.38	142	471317	39.548	ng	99
38) 1-Methylnaphthalene	12.60	142	444903	39.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	279581	39.883	ng	100

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Quant Time: Sep 11 18:38:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	297323	97.544 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	191804	40.546 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	206268	41.501 ng	99
46) 1,1'-Biphenyl	13.39	154	610170	41.256 ng	98
47) 2-Chloronaphthalene	13.43	162	476455	37.996 ng	99
48) 2-Nitroaniline	13.63	65	134192	38.539 ng	99
49) Acenaphthylene	14.28	152	773738	40.677 ng	100
50) Dimethylphthalate	14.02	163	633163	38.500 ng	100
51) 2,6-Dinitrotoluene	14.13	165	146761	40.483 ng	98
52) Acenaphthene	14.62	154	457619	38.823 ng	100
53) 3-Nitroaniline	14.46	138	118477	30.171 ng	95
54) 2,4-Dinitrophenol	14.67	184	150248	71.003 ng	97
55) Dibenzofuran	14.96	168	757589	40.048 ng	100
56) 4-Nitrophenol	14.79	139	225508	78.030 ng	98
57) 2,4-Dinitrotoluene	14.92	165	203950	39.455 ng	98
58) Fluorene	15.61	166	616121	38.806 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	196011	40.612 ng	98
60) Diethylphthalate	15.38	149	618724	38.587 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	340177	38.904 ng	98
62) 4-Nitroaniline	15.63	138	146103	35.261 ng	97
63) Azobenzene	15.89	77	522223	40.038 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	124646	43.995 ng	99
66) n-Nitrosodiphenylamine	15.81	169	564446	41.798 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	240652	41.208 ng	96
68) Hexachlorobenzene	16.62	284	248248	38.383 ng	97
69) Atrazine	16.77	200	203647	36.966 ng	99
70) Pentachlorophenol	16.96	266	267307	79.104 ng	98
71) Phenanthrene	17.34	178	996679	39.283 ng	99
72) Anthracene	17.44	178	1024085	40.910 ng	99
73) Carbazole	17.70	167	923302	39.065 ng	100
74) Di-n-butylphthalate	18.26	149	1052798	38.738 ng	100
75) Fluoranthene	19.35	202	1243153	38.074 ng	100
77) Benzidine	19.53	184	576483	51.677 ng	99
78) Pyrene	19.72	202	1230125	40.238 ng	100
80) Butylbenzylphthalate	20.60	149	471130	39.510 ng	96
81) Benzo(a)anthracene	21.53	228	1185633	39.622 ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	388438	34.980 ng	99
83) Chrysene	21.60	228	1134917	39.429 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	659070	40.501 ng	100
85) Di-n-octyl phthalate	22.62	149	1145936	41.126 ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1428404	41.456 ng	100
88) Benzo(b)fluoranthene	23.67	252	1237670	41.317 ng	98
89) Benzo(k)fluoranthene	23.73	252	1178967	40.724 ng	99
90) Benzo(a)pyrene	24.50	252	1133596	40.551 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1181041	42.476 ng	98
92) Benzo(g,h,i)perylene	29.26	276	1199435	43.199 ng	98

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

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