Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046504.D
Acq On : 2 Sep 2020 15:20
Operator : CG/JU
Sample : PB131362BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Manual Integrations APPROVED
mohammad
9/3/2020 1:47:42 PM

Quant Time: Sep 02 15:57:14 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	7.93	152	84200	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	328101	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	216597	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	506738	20.00	ng		0.00
76) Chrysene-d12	21.55	240	504443	20.00	ng		0.00
86) Perylene-d12	24.65	264	515919	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	497524	104.66	ng		0.00
7) Phenol-d6	7.11	99	630353	93.54	ng		0.00
23) Nitrobenzene-d5	9.09	82	405446	70.63	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	278977	95.06	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1021868	72.02	ng		0.00
79) Terphenyl-d14	19.92	244	1587759	66.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	102518	51.835	ng		97
3) Pyridine	3.81	79	145754	25.188	ng		99
4) n-Nitrosodimethylamine	3.72	42	85000	39.827	ng		99
6) Aniline	7.25	93	270485	35.668	ng		100
8) 2-Chlorophenol	7.50	128	211305	42.056	ng		99
9) Benzaldehyde	7.07	77	140465	37.203	ng		90
10) Phenol	7.13	94	253896	40.904	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	194400	38.964	ng		97
12) 1,3-Dichlorobenzene	7.82	146	235822	36.968	ng		99
13) 1,4-Dichlorobenzene	7.96	146	235127	36.817	ng		99
14) 1,2-Dichlorobenzene	8.28	146	229973	37.556	ng		98
15) Benzyl Alcohol	8.17	79	177899	41.117	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	292313	37.771	ng		99
17) 2-Methylphenol	8.38	107	180908	41.097	ng		98
18) Hexachloroethane	9.02	117	79227	36.588	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	153036	37.964	ng		99
20) 3+4-Methylphenols	8.70	107	247775	40.780	ng		98
22) Acetophenone	8.75	105	296560	37.132	ng	#	99
24) Nitrobenzene	9.13	77	218187	38.472	ng		98
25) Isophorone	9.65	82	420269	39.932	ng		98
26) 2-Nitrophenol	9.84	139	122517	40.945	ng		97
27) 2,4-Dimethylphenol	9.91	122	193875	47.109	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	256961	37.933	ng		99
29) 2,4-Dichlorophenol	10.38	162	225255	41.058	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	240853	37.000	ng		99
31) Naphthalene	10.78	128	610810	38.128	ng		99
32) Benzoic acid	10.06	122	80588	30.862	ng		96
33) 4-Chloroaniline	10.88	127	203482	28.805	ng		99
34) Hexachlorobutadiene	11.07	225	153079	36.226	ng		98
35) Caprolactam	11.65	113	73300m	35.743	ng		
36) 4-Chloro-3-methylphenol	12.01	107	218611	40.741	ng		94
37) 2-Methylnaphthalene	12.39	142	485960	38.463	ng		99
38) 1-Methylnaphthalene	12.61	142	459402	38.386	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	286199	40.069	ng		99

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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
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	347125	111.768 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	195324	40.523 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	210848	41.635 ng	98
46) 1,1'-Biphenyl	13.39	154	623077	41.347 ng	100
47) 2-Chloronaphthalene	13.43	162	485523	38.000 ng	99
48) 2-Nitroaniline	13.63	65	136670	38.522 ng	97
49) Acenaphthylene	14.29	152	785528	40.530 ng	98
50) Dimethylphthalate	14.02	163	635517	37.925 ng	100
51) 2,6-Dinitrotoluene	14.13	165	147062	39.813 ng	98
52) Acenaphthene	14.63	154	461471	38.423 ng	99
53) 3-Nitroaniline	14.46	138	117148	29.278 ng	98
54) 2,4-Dinitrophenol	14.67	184	189637	87.953 ng	99
55) Dibenzofuran	14.96	168	752043	39.017 ng	100
56) 4-Nitrophenol	14.79	139	239725	81.409 ng	97
57) 2,4-Dinitrotoluene	14.92	165	209712	39.816 ng	99
58) Fluorene	15.61	166	617351	38.161 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	198521	40.368 ng	98
60) Diethylphthalate	15.38	149	619042	37.890 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	342220	38.411 ng	98
62) 4-Nitroaniline	15.63	138	149930	35.513 ng	99
63) Azobenzene	15.90	77	522741	39.333 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	135209	47.141 ng	94
66) n-Nitrosodiphenylamine	15.82	169	564370	41.283 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	237614	40.192 ng	98
68) Hexachlorobenzene	16.63	284	250586	38.272 ng	97
69) Atrazine	16.77	200	210820	37.802 ng	99
70) Pentachlorophenol	16.97	266	302073	88.302 ng	99
71) Phenanthrene	17.35	178	1016482	39.575 ng	99
72) Anthracene	17.44	178	1039638	41.025 ng	98
73) Carbazole	17.71	167	960718	40.153 ng	99
74) Di-n-butylphthalate	18.27	149	1077024	39.146 ng	100
75) Fluoranthene	19.36	202	1294912	39.176 ng	99
77) Benzidine	19.53	184	703386	60.007 ng	99
78) Pyrene	19.72	202	1284358	39.983 ng	100
80) Butylbenzylphthalate	20.61	149	498695	39.801 ng	97
81) Benzo(a)anthracene	21.54	228	1252712	39.842 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	400843	34.353 ng	99
83) Chrysene	21.60	228	1193688	39.468 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	702844	41.105 ng	100
85) Di-n-octyl phthalate	22.62	149	1221218	41.711 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1517645	40.957 ng	100
88) Benzo(b)fluoranthene	23.68	252	1323523	41.085 ng	97
89) Benzo(k)fluoranthene	23.74	252	1243474	39.939 ng	99
90) Benzo(a)pyrene	24.51	252	1198951	39.881 ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1244126	41.607 ng	98
92) Benzo(g,h,i)perylene	29.27	276	1273875	42.662 ng	97

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

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