Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044350.D
Acq On : 8 Feb 2020 00:50
Operator : CG/JU
Sample : PB126664BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126664BS

Manual Integrations APPROVED
mohammad
2/11/2020 8:26:18 AM

Quant Time: Feb 08 03:14:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	108495	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	455574	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	262226	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	568648	20.00	ng	0.00
76) Chrysene-d12	21.54	240	553638	20.00	ng	0.00
87) Perylene-d12	24.63	264	399599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	789212	128.38	ng	0.00
7) Phenol-d6	7.09	99	1059975	128.40	ng	0.00
23) Nitrobenzene-d5	9.07	82	615742	76.30	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	381224	123.84	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1314112	83.92	ng	0.00
79) Terphenyl-d14	19.91	244	1786283	66.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	86354	31.264	ng	98
3) Pyridine	3.78	79	222034	30.173	ng	98
4) n-Nitrosodimethylamine	3.69	42	115305	37.497	ng	97
6) Aniline	7.24	93	248523	24.253	ng	100
8) 2-Chlorophenol	7.48	128	289681	42.875	ng	99
10) Phenol	7.12	94	354709	43.416	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	272187	38.969	ng	97
12) 1,3-Dichlorobenzene	7.80	146	293182	36.344	ng	98
13) 1,4-Dichlorobenzene	7.95	146	298318	37.338	ng	100
14) 1,2-Dichlorobenzene	8.27	146	285394	37.791	ng	99
15) Benzyl Alcohol	8.15	79	246345	42.150	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	370978	39.241	ng	99
17) 2-Methylphenol	8.36	107	249524	42.807	ng	98
18) Hexachloroethane	9.00	117	110512	36.860	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	212354	38.598	ng	99
20) 3+4-Methylphenols	8.69	107	339490	42.260	ng	99
22) Acetophenone	8.73	105	408179	36.830	ng	100
24) Nitrobenzene	9.11	77	302902	38.450	ng	99
25) Isophorone	9.64	82	576091	38.303	ng	99
26) 2-Nitrophenol	9.82	139	168762	41.285	ng	99
27) 2,4-Dimethylphenol	9.89	122	267031	46.277	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	369014	36.778	ng	99
29) 2,4-Dichlorophenol	10.36	162	285011	40.849	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	295997	36.998	ng	99
31) Naphthalene	10.76	128	847742	38.354	ng	100
32) Benzoic acid	10.06	122	159282	43.706	ng	93
33) 4-Chloroaniline	10.87	127	196158	19.513	ng	99
34) Hexachlorobutadiene	11.05	225	174425	35.432	ng	99
35) Caprolactam	11.64	113	94964m	37.155	ng	
36) 4-Chloro-3-methylphenol	12.00	107	292275	39.954	ng	99
37) 2-Methylnaphthalene	12.37	142	631590	38.486	ng	100
38) 1-Methylnaphthalene	12.59	142	600614	38.819	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	318471	40.600	ng	98
41) Hexachlorocyclopentadiene	12.73	237	218592	58.077	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.98	196	223168	44.016 ng	97
44) 2,4,5-Trichlorophenol	13.06	196	233019	44.996 ng	99
46) 1,1'-Biphenyl	13.38	154	790319	41.783 ng	100
47) 2-Chloronaphthalene	13.42	162	609138	40.471 ng	99
48) 2-Nitroaniline	13.62	65	176728	39.786 ng	99
49) Acenaphthylene	14.27	152	929259	42.093 ng	100
50) Dimethylphthalate	14.00	163	758617	40.246 ng	100
51) 2,6-Dinitrotoluene	14.12	165	176796	42.066 ng	99
52) Acenaphthene	14.61	154	585269	40.902 ng	99
53) 3-Nitroaniline	14.45	138	122153	26.271 ng	98
54) 2,4-Dinitrophenol	14.66	184	209285	83.653 ng	98
55) Dibenzofuran	14.95	168	900415	41.561 ng	100
56) 4-Nitrophenol	14.77	139	294970	86.603 ng	97
57) 2,4-Dinitrotoluene	14.91	165	240748	40.870 ng	99
58) Fluorene	15.60	166	712215	41.738 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	210157	44.927 ng	98
60) Diethylphthalate	15.37	149	757616	40.337 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	375264	40.560 ng	98
62) 4-Nitroaniline	15.61	138	168784	36.327 ng	98
63) Azobenzene	15.88	77	674222	40.958 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	149179	47.525 ng	96
66) n-Nitrosodiphenylamine	15.80	169	652639	40.954 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	245244	39.585 ng	98
68) Hexachlorobenzene	16.61	284	263754	38.000 ng	99
69) Atrazine	16.75	200	143953	26.355 ng	98
70) Pentachlorophenol	16.95	266	454019	127.416 ng	96
71) Phenanthrene	17.33	178	1104624	40.116 ng	99
72) Anthracene	17.42	178	1095538	40.242 ng	100
73) Carbazole	17.69	167	1017903	40.559 ng	99
74) Di-n-butylphthalate	18.26	149	1252065	40.371 ng	100
75) Fluoranthene	19.34	202	1297931	40.746 ng	100
77) Benzidine	19.52	184	157082	10.229 ng	98
78) Pyrene	19.70	202	1303009	36.648 ng	99
80) Butylbenzylphthalate	20.60	149	592381	36.561 ng	100
81) Benzo(a)anthracene	21.52	228	1249597	36.622 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	368046	27.792 ng	99
83) Chrysene	21.58	228	1172721	35.557 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	801372	35.933 ng	99
85) Di-n-octyl phthalate	22.61	149	1425573	36.944 ng	100
86) Indeno(1,2,3-cd)pyrene	28.13	276	1503190	34.934 ng	100
88) Benzo(b)fluoranthene	23.65	252	1338509	58.130 ng	100
89) Benzo(k)fluoranthene	23.72	252	1258387	56.072 ng	99
90) Benzo(a)pyrene	24.49	252	1258505	57.806 ng	97
91) Dibenzo(a,h)anthracene	28.19	278	1253534	58.179 ng	98
92) Benzo(g,h,i)perylene	29.22	276	1261519	58.487 ng	99

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

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