Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044870.D
Acq On : 18 Mar 2020 19:11
Operator : CG/JU
Sample : PB127635BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Manual Integrations APPROVED
mohammad
3/19/2020 12:34:48 PM

Quant Time: Mar 19 02:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	96041	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	363031	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	244399	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	548754	20.00	ng		0.00
76) Chrysene-d12	21.69	240	496611	20.00	ng		0.00
87) Perylene-d12	24.89	264	544533	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	683597	110.80	ng		0.00
7) Phenol-d6	7.21	99	963005	107.43	ng		0.00
23) Nitrobenzene-d5	9.20	82	535073	64.68	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	385027	120.32	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1120281	65.64	ng		0.00
79) Terphenyl-d14	20.03	244	1741037	65.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	105483	35.504	ng		93
3) Pyridine	3.91	79	244499	27.799	ng		99
4) n-Nitrosodimethylamine	3.82	42	122779	36.793	ng	#	96
6) Aniline	7.37	93	327523	29.364	ng		97
8) 2-Chlorophenol	7.61	128	254962	41.398	ng		98
9) Benzaldehyde	7.17	77	112200	16.956	ng		91
10) Phenol	7.23	94	357708	40.307	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	257258	36.322	ng		97
12) 1,3-Dichlorobenzene	7.94	146	275642	36.332	ng		98
13) 1,4-Dichlorobenzene	8.08	146	281053	37.471	ng		95
14) 1,2-Dichlorobenzene	8.40	146	262712	36.932	ng		96
15) Benzyl Alcohol	8.28	79	273547	38.034	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382750	30.623	ng		98
17) 2-Methylphenol	8.48	107	240904	40.074	ng		97
18) Hexachloroethane	9.14	117	109525	37.090	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	214632	33.910	ng		99
20) 3+4-Methylphenols	8.81	107	327688	39.544	ng		98
22) Acetophenone	8.87	105	389514	37.873	ng		98
24) Nitrobenzene	9.24	77	327934	38.202	ng		99
25) Isophorone	9.77	82	598317	37.056	ng		98
26) 2-Nitrophenol	9.96	139	142872	47.948	ng		100
27) 2,4-Dimethylphenol	10.02	122	244311	46.463	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	345685	35.875	ng		99
29) 2,4-Dichlorophenol	10.50	162	261606	42.596	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	283926	38.663	ng		95
31) Naphthalene	10.90	128	768603	38.219	ng		99
32) Benzoic acid	10.15	122	152804	39.458	ng		98
33) 4-Chloroaniline	11.00	127	204049	22.521	ng		98
34) Hexachlorobutadiene	11.20	225	184493	38.203	ng		95
35) Caprolactam	11.76	113	95992m	41.281	ng		
36) 4-Chloro-3-methylphenol	12.12	107	297175	40.571	ng		98
37) 2-Methylnaphthalene	12.51	142	579977	38.554	ng		97
38) 1-Methylnaphthalene	12.73	142	545156	38.547	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	302783	37.618	ng		99

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Quant Time: Mar 19 02:17:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	419533	95.376 ng	97
43) 2,4,6-Trichlorophenol	13.11	196	229357	42.938 ng	97
44) 2,4,5-Trichlorophenol	13.18	196	238138	42.989 ng	98
46) 1,1'-Biphenyl	13.51	154	715767	36.649 ng	99
47) 2-Chloronaphthalene	13.55	162	552026	37.000 ng	96
48) 2-Nitroaniline	13.74	65	203558	38.971 ng	97
49) Acenaphthylene	14.40	152	915540	39.170 ng	98
50) Dimethylphthalate	14.13	163	731728	37.591 ng	98
51) 2,6-Dinitrotoluene	14.24	165	169467	43.192 ng	98
52) Acenaphthene	14.74	154	666223	43.522 ng	97
53) 3-Nitroaniline	14.57	138	122516	27.160 ng	97
54) 2,4-Dinitrophenol	14.78	184	201513	96.383 ng	91
55) Dibenzofuran	15.08	168	861489	38.809 ng	99
56) 4-Nitrophenol	14.88	139	301333	87.529 ng	92
57) 2,4-Dinitrotoluene	15.03	165	232313	43.172 ng	98
58) Fluorene	15.72	166	703231	38.511 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	222197	43.567 ng	94
60) Diethylphthalate	15.50	149	753023	37.091 ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	379819	38.629 ng	99
62) 4-Nitroaniline	15.73	138	169225	35.181 ng	95
63) Azobenzene	16.01	77	748641	35.509 ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	144016	54.519 ng	98
66) n-Nitrosodiphenylamine	15.93	169	641499	38.829 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	262582	38.276 ng	95
68) Hexachlorobenzene	16.73	284	282015	37.892 ng	98
69) Atrazine	16.88	200	272255	44.979 ng	99
70) Pentachlorophenol	17.07	266	363305	88.719 ng	99
71) Phenanthrene	17.47	178	1131988	38.602 ng	100
72) Anthracene	17.55	178	1147172	39.673 ng	99
73) Carbazole	17.82	167	1074905	38.700 ng	100
74) Di-n-butylphthalate	18.39	149	1291993	38.265 ng	99
75) Fluoranthene	19.47	202	1418149	40.616 ng	100
77) Benzidine	19.64	184	567209	35.182 ng	98
78) Pyrene	19.83	202	1406748	38.610 ng	99
80) Butylbenzylphthalate	20.72	149	608889	37.565 ng	99
81) Benzo(a)anthracene	21.67	228	1375601	38.468 ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	435532	31.482 ng	96
83) Chrysene	21.74	228	1307415	38.275 ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	841873	37.633 ng	99
85) Di-n-octyl phthalate	22.81	149	1445350	38.610 ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1721255	38.436 ng	99
88) Benzo(b)fluoranthene	23.88	252	1492755	41.524 ng	98
89) Benzo(k)fluoranthene	23.95	252	1385101	40.715 ng	98
90) Benzo(a)pyrene	24.74	252	1343103	39.929 ng	98
91) Dibenzo(a,h)anthracene	28.61	278	1397412	42.109 ng	97
92) Benzo(g,h,i)perylene	29.68	276	1424386	42.483 ng	96

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

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