Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044488.D
Acq On : 19 Feb 2020 13:30
Operator : CG/JU
Sample : PB126845BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126845BS

Manual Integrations APPROVED
mohammad
2/20/2020 3:11:35 PM

Quant Time: Feb 20 07:33:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	55750	20.00	ng		-0.01
21) Naphthalene-d8	10.69	136	231691	20.00	ng		0.00
39) Acenaphthene-d10	14.53	164	151757	20.00	ng		-0.01
64) Phenanthrene-d10	17.27	188	342356	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	327903	20.00	ng		-0.01
87) Perylene-d12	24.60	264	371650	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	379457	120.12	ng		0.00
7) Phenol-d6	7.07	99	502991	118.58	ng		0.00
23) Nitrobenzene-d5	9.05	82	263222	64.14	ng		-0.01
42) 2,4,6-Tribromophenol	16.02	330	198101	111.20	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	620373	68.45	ng		0.00
79) Terphenyl-d14	19.89	244	1027753	64.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	54289	38.251	ng		98
3) Pyridine	3.74	79	131885	34.878	ng		98
4) n-Nitrosodimethylamine	3.65	42	61126	38.685	ng		100
6) Aniline	7.22	93	148715	28.244	ng		99
8) 2-Chlorophenol	7.46	128	146623	42.233	ng		99
9) Benzaldehyde	7.02	77	67777	28.054	ng		97
10) Phenol	7.09	94	180974	43.108	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	136611	38.063	ng		98
12) 1,3-Dichlorobenzene	7.78	146	156037	37.643	ng		98
13) 1,4-Dichlorobenzene	7.93	146	158340	38.568	ng		99
14) 1,2-Dichlorobenzene	8.24	146	150382	38.753	ng		99
15) Benzyl Alcohol	8.13	79	120086	39.986	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	173705	35.758	ng		97
17) 2-Methylphenol	8.34	107	124539	41.578	ng		99
18) Hexachloroethane	8.97	117	55655	36.126	ng		99
19) n-Nitroso-di-n-propylamine	8.70	70	105282	37.241	ng		98
20) 3+4-Methylphenols	8.67	107	170202	41.232	ng		99
22) Acetophenone	8.71	105	203169	36.046	ng	#	97
24) Nitrobenzene	9.09	77	151386	37.786	ng		99
25) Isophorone	9.61	82	288868	37.765	ng		99
26) 2-Nitrophenol	9.80	139	85571	41.162	ng		98
27) 2,4-Dimethylphenol	9.87	122	139722	47.613	ng		98
28) bis(2-Chloroethoxy)methane	10.10	93	180434	35.360	ng		99
29) 2,4-Dichlorophenol	10.35	162	143809	40.528	ng		99
30) 1,2,4-Trichlorobenzene	10.56	180	149401	36.719	ng		99
31) Naphthalene	10.74	128	442898	39.400	ng		99
32) Benzoic acid	10.02	122	36845	27.605	ng		88
33) 4-Chloroaniline	10.85	127	117526	22.988	ng		98
34) Hexachlorobutadiene	11.03	225	86891	34.706	ng		98
35) Caprolactam	11.61	113	53979m	41.527	ng		
36) 4-Chloro-3-methylphenol	11.99	107	150065	40.337	ng		99
37) 2-Methylnaphthalene	12.35	142	329344	39.461	ng		97
38) 1-Methylnaphthalene	12.57	142	310253	39.429	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	162799	35.862	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	162273	74.498	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	112779	38.435	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	120652	40.257	ng	99
46) 1,1'-Biphenyl	13.36	154	418859	38.265	ng	97
47) 2-Chloronaphthalene	13.41	162	324201	37.219	ng	99
48) 2-Nitroaniline	13.61	65	92147	35.846	ng	95
49) Acenaphthylene	14.25	152	519900	40.693	ng	98
50) Dimethylphthalate	13.99	163	413931	37.945	ng	99
51) 2,6-Dinitrotoluene	14.10	165	92217	37.914	ng	99
52) Acenaphthene	14.60	154	317401	38.328	ng	99
53) 3-Nitroaniline	14.43	138	65449	24.322	ng	93
54) 2,4-Dinitrophenol	14.65	184	95769	67.741	ng	96
55) Dibenzofuran	14.93	168	498051	39.723	ng	98
56) 4-Nitrophenol	14.76	139	168017	85.239	ng	94
57) 2,4-Dinitrotoluene	14.89	165	132183	38.774	ng	96
58) Fluorene	15.58	166	397245	40.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	106781	39.445	ng	99
60) Diethylphthalate	15.35	149	415027	38.182	ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	203752	38.053	ng	99
62) 4-Nitroaniline	15.60	138	95364	35.466	ng	95
63) Azobenzene	15.87	77	369250	38.760	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	76698	40.585	ng	98
66) n-Nitrosodiphenylamine	15.79	169	362763	37.810	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	133748	35.858	ng	98
68) Hexachlorobenzene	16.59	284	150445	36.002	ng	98
69) Atrazine	16.74	200	141182	42.932	ng	98
70) Pentachlorophenol	16.94	266	147816	70.346	ng	98
71) Phenanthrene	17.32	178	655294	39.528	ng	97
72) Anthracene	17.41	178	678610	41.404	ng	98
73) Carbazole	17.68	167	610519	40.406	ng	98
74) Di-n-butylphthalate	18.24	149	751364	40.240	ng	98
75) Fluoranthene	19.33	202	795833	41.498	ng	98
77) Benzidine	19.51	184	304496	33.479	ng	97
78) Pyrene	19.69	202	804896	38.223	ng	97
80) Butylbenzylphthalate	20.58	149	348921	36.360	ng	98
81) Benzo(a)anthracene	21.50	228	781066	38.649	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	216570	27.612	ng	98
83) Chrysene	21.56	228	749412	38.365	ng	97
84) Bis(2-ethylhexyl)phthalate	21.42	149	495595	37.521	ng	98
85) Di-n-octyl phthalate	22.59	149	894851	39.155	ng	98
86) Indeno(1,2,3-cd)pyrene	28.09	276	952341	37.369	ng	100
88) Benzo(b)fluoranthene	23.63	252	808760	37.765	ng	98
89) Benzo(k)fluoranthene	23.70	252	813170	38.959	ng	99
90) Benzo(a)pyrene	24.46	252	759711	37.520	ng	100
91) Dibenzo(a,h)anthracene	28.14	278	789495	39.398	ng	99
92) Benzo(g,h,i)perylene	29.19	276	805503	40.154	ng	100

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

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