Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
Data File : BG044604.D
Acq On : 26 Feb 2020 15:22
Operator : CG/JU
Sample : PB127106BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127106BS

Manual Integrations APPROVED
mohammad
2/27/2020 4:58:57 PM

Quant Time: Feb 27 07:10:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	60901	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	271129	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	173422	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	416540	20.00	ng		0.00
76) Chrysene-d12	21.50	240	416876	20.00	ng		0.00
87) Perylene-d12	24.57	264	288322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	468104	123.32	ng		0.00
7) Phenol-d6	7.05	99	653022	125.69	ng		0.00
23) Nitrobenzene-d5	9.03	82	359799	68.37	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	285407	116.07	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	871945	72.00	ng		0.00
79) Terphenyl-d14	19.87	244	1440088	65.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	50594	30.546	ng		98
3) Pyridine	3.72	79	129886	28.104	ng		95
4) n-Nitrosodimethylamine	3.63	42	64055	36.492	ng		100
6) Aniline	7.20	93	134521	21.266	ng		100
8) 2-Chlorophenol	7.44	128	171564	41.406	ng		98
9) Benzaldehyde	7.01	77	396	0.130	ng	#	70
10) Phenol	7.08	94	216697	43.039	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	156442	36.960	ng		96
12) 1,3-Dichlorobenzene	7.77	146	172177	34.840	ng		98
13) 1,4-Dichlorobenzene	7.91	146	172731	34.778	ng		99
14) 1,2-Dichlorobenzene	8.22	146	166588	35.270	ng		99
15) Benzyl Alcohol	8.11	79	144934	41.362	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	203837	35.833	ng		97
17) 2-Methylphenol	8.33	107	148298	41.229	ng		97
18) Hexachloroethane	8.96	117	62358	34.355	ng		98
19) n-Nitroso-di-n-propylamine	8.68	70	124394	37.247	ng		99
20) 3+4-Methylphenols	8.65	107	206636	41.961	ng		98
22) Acetophenone	8.69	105	245078	36.003	ng	#	99
24) Nitrobenzene	9.08	77	177175	34.749	ng		99
25) Isophorone	9.60	82	347283	35.274	ng		98
26) 2-Nitrophenol	9.79	139	100905	36.492	ng		98
27) 2,4-Dimethylphenol	9.86	122	163161	42.025	ng		97
28) bis(2-Chloroethoxy)methane	10.08	93	219254	33.676	ng		99
29) 2,4-Dichlorophenol	10.33	162	177220	38.180	ng		99
30) 1,2,4-Trichlorobenzene	10.54	180	175615	32.714	ng		100
31) Naphthalene	10.73	128	516111	34.885	ng		99
32) Benzoic acid	10.02	122	96843	57.527	ng		95
33) 4-Chloroaniline	10.83	127	102955	15.800	ng		98
34) Hexachlorobutadiene	11.02	225	103629	30.739	ng		99
35) Caprolactam	11.60	113	64326m	38.712	ng		
36) 4-Chloro-3-methylphenol	11.97	107	192131	40.212	ng		97
37) 2-Methylnaphthalene	12.34	142	392431	35.891	ng		98
38) 1-Methylnaphthalene	12.55	142	375861	36.177	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	205568	35.210	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	94764	38.991 ng	100
43) 2,4,6-Trichlorophenol	12.95	196	145942	38.499 ng	99
44) 2,4,5-Trichlorophenol	13.03	196	158535	40.711 ng	97
46) 1,1'-Biphenyl	13.35	154	512555	35.714 ng	98
47) 2-Chloronaphthalene	13.39	162	399532	35.502 ng	98
48) 2-Nitroaniline	13.59	65	118525	37.941 ng	98
49) Acenaphthylene	14.23	152	626853	37.735 ng	99
50) Dimethylphthalate	13.98	163	525469	37.540 ng	99
51) 2,6-Dinitrotoluene	14.09	165	121654	39.408 ng	97
52) Acenaphthene	14.58	154	386704	36.518 ng	100
53) 3-Nitroaniline	14.42	138	89109	26.764 ng	99
54) 2,4-Dinitrophenol	14.63	184	147886	80.357 ng	97
55) Dibenzofuran	14.92	168	624396	38.462 ng	100
56) 4-Nitrophenol	14.75	139	208739	91.146 ng	99
57) 2,4-Dinitrotoluene	14.88	165	174698	40.251 ng	98
58) Fluorene	15.56	166	499574	38.812 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	147696	41.187 ng	97
60) Diethylphthalate	15.34	149	533958	38.500 ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	259076	37.018 ng	98
62) 4-Nitroaniline	15.59	138	123299	36.985 ng	96
63) Azobenzene	15.85	77	460049	38.976 ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	107621	41.727 ng	97
66) n-Nitrosodiphenylamine	15.77	169	469483	36.133 ng	99
67) 4-Bromophenyl-phenylether	16.45	248	177055	34.244 ng	99
68) Hexachlorobenzene	16.58	284	193104	33.033 ng	99
69) Atrazine	16.72	200	70630	14.704 ng	98
70) Pentachlorophenol	16.92	266	326519	111.043 ng	98
71) Phenanthrene	17.30	178	827020	35.862 ng	99
72) Anthracene	17.40	178	808274	35.566 ng	99
73) Carbazole	17.67	167	763885	36.927 ng	99
74) Di-n-butylphthalate	18.23	149	942241	36.349 ng	99
75) Fluoranthene	19.32	202	992311	36.349 ng	99
77) Benzidine	19.50	184	72389	5.069 ng	98
78) Pyrene	19.67	202	1009578	33.362 ng	100
80) Butylbenzylphthalate	20.57	149	433265	32.732 ng	98
81) Benzo(a)anthracene	21.48	228	952158	32.498 ng	100
82) 3,3'-Dichlorobenzidine	21.40	252	261319	22.576 ng	99
83) Chrysene	21.55	228	916006	32.335 ng	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	601880	33.000 ng	99
85) Di-n-octyl phthalate	22.56	149	1058993	33.001 ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1133641	31.182 ng	100
88) Benzo(b)fluoranthene	23.61	252	1007933	53.170 ng	99
89) Benzo(k)fluoranthene	23.66	252	964896	52.459 ng	99
90) Benzo(a)pyrene	24.43	252	940847	52.824 ng	99
91) Dibenzo(a,h)anthracene	28.09	278	940095	53.370 ng	99
92) Benzo(g,h,i)perylene	29.12	276	948894	53.767 ng	99

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

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