Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043693.D
Acq On : 19 Nov 2019 11:47
Operator : JU
Sample : PB124907BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124907BS

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:05 AM

Quant Time: Nov 19 15:32:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26615	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	104776	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	77595	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	190505	20.00	ng		0.00
76) Chrysene-d12	21.64	240	205058	20.00	ng		0.00
87) Perylene-d12	24.82	264	238406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	136834	94.21	ng		0.00
7) Phenol-d6	7.19	99	125503	60.06	ng		0.00
23) Nitrobenzene-d5	9.16	82	187518	92.27	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	199590	135.17	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	503167	89.60	ng		0.00
79) Terphenyl-d14	19.98	244	1079243	98.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	15217	26.885	ng		94
3) Pyridine	3.85	79	28590	20.024	ng		96
4) n-Nitrosodimethylamine	3.77	42	25611	35.548	ng		99
6) Aniline	7.32	93	48863	20.298	ng	#	94
8) 2-Chlorophenol	7.56	128	82604	51.521	ng		96
9) Benzaldehyde	7.13	77	37031	36.059	ng		93
10) Phenol	7.21	94	45825	23.998	ng		99
11) bis(2-Chloroethyl)ether	7.41	93	68996	46.734	ng		96
12) 1,3-Dichlorobenzene	7.88	146	75724	37.696	ng		95
13) 1,4-Dichlorobenzene	8.02	146	78842	38.792	ng		95
14) 1,2-Dichlorobenzene	8.35	146	77422	39.014	ng		99
15) Benzyl Alcohol	8.24	79	65830	44.855	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	97257	45.304	ng		99
17) 2-Methylphenol	8.46	107	62996	45.254	ng		97
18) Hexachloroethane	9.07	117	26755	36.487	ng		91
19) n-Nitroso-di-n-propylamine	8.79	70	65604	48.584	ng		98
20) 3+4-Methylphenols	8.79	107	78779	41.270	ng		97
22) Acetophenone	8.82	105	129496	48.262	ng	#	98
24) Nitrobenzene	9.20	77	100526	51.924	ng		99
25) Isophorone	9.72	82	182004	48.983	ng		97
26) 2-Nitrophenol	9.91	139	49789	53.269	ng		94
27) 2,4-Dimethylphenol	9.98	122	75879	56.641	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	100624	49.067	ng		92
29) 2,4-Dichlorophenol	10.46	162	91781	53.471	ng		96
30) 1,2,4-Trichlorobenzene	10.66	180	89941	41.575	ng		97
31) Naphthalene	10.84	128	250176	47.040	ng		96
32) Benzoic acid	10.14	122	12997	19.360	ng		90
33) 4-Chloroaniline	10.98	127	27133	12.446	ng		96
34) Hexachlorobutadiene	11.13	225	59736	37.354	ng		96
35) Caprolactam	11.78	113	7555m	12.780	ng		
36) 4-Chloro-3-methylphenol	12.11	107	101467	54.194	ng		96
37) 2-Methylnaphthalene	12.45	142	200622	49.164	ng		99
38) 1-Methylnaphthalene	12.67	142	187794	48.367	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	131664	45.849	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	98355	65.200	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	86867	51.365	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	91173	53.326	ng		94
46) 1,1'-Biphenyl	13.46	154	275708	46.706	ng		99
47) 2-Chloronaphthalene	13.50	162	219332	48.834	ng		96
48) 2-Nitroaniline	13.71	65	68278	50.863	ng		98
49) Acenaphthylene	14.35	152	353606	50.586	ng		99
50) Dimethylphthalate	14.08	163	311061	51.755	ng		98
51) 2,6-Dinitrotoluene	14.20	165	69706	53.385	ng		95
52) Acenaphthene	14.69	154	215272	50.499	ng		97
53) 3-Nitroaniline	14.54	138	31312	24.838	ng		99
54) 2,4-Dinitrophenol	14.74	184	77328	93.488	ng		91
55) Dibenzofuran	15.02	168	355609	51.441	ng		98
56) 4-Nitrophenol	14.89	139	44368	52.519	ng		90
57) 2,4-Dinitrotoluene	14.99	165	99655	53.405	ng	#	96
58) Fluorene	15.67	166	301496	52.000	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	93048	51.224	ng	#	98
60) Diethylphthalate	15.44	149	304328	50.393	ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	174086	51.468	ng		99
62) 4-Nitroaniline	15.71	138	62172	47.754	ng		95
63) Azobenzene	15.95	77	251575	51.473	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	62306	55.574	ng		96
66) n-Nitrosodiphenylamine	15.88	169	266517	49.553	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	122061	47.610	ng		94
68) Hexachlorobenzene	16.68	284	135183	45.936	ng		97
69) Atrazine	16.82	200	113204	60.573	ng		99
70) Pentachlorophenol	17.03	266	124368	92.745	ng		97
71) Phenanthrene	17.41	178	484375	49.653	ng		98
72) Anthracene	17.51	178	499407	51.167	ng		99
73) Carbazole	17.78	167	445049	50.352	ng		99
74) Di-n-butylphthalate	18.32	149	536198	49.997	ng		99
75) Fluoranthene	19.42	202	648599	50.999	ng		99
77) Benzidine	19.63	184	53671m	13.005	ng		
78) Pyrene	19.79	202	656390	51.713	ng		99
80) Butylbenzylphthalate	20.67	149	243802	50.699	ng		98
81) Benzo(a)anthracene	21.61	228	674672	52.525	ng		100
82) 3,3'-Dichlorobenzidine	21.54	252	157158	31.634	ng		99
83) Chrysene	21.68	228	652384	51.119	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	358628	52.500	ng		99
85) Di-n-octyl phthalate	22.71	149	616707	53.214	ng		98
86) Indeno(1,2,3-cd)pyrene	28.45	276	839573	52.409	ng	#	93
88) Benzo(b)fluoranthene	23.80	252	708525	52.473	ng		99
89) Benzo(k)fluoranthene	23.88	252	714014	52.528	ng		98
90) Benzo(a)pyrene	24.67	252	641411	49.745	ng		100
91) Dibenzo(a,h)anthracene	28.50	278	709890	53.826	ng		99
92) Benzo(g,h,i)perylene	29.58	276	709956	54.573	ng		99

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

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