Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045338.D
Acq On : 12 May 2020 21:06
Operator : CG/JU
Sample : PB128765BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 13 01:38:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB128765BS

Manual Integrations APPROVED
mohammad
5/14/2020 8:37:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	59540	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	247102	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	183662	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	443069	20.00	ng	0.00
76) Chrysene-d12	21.63	240	406591	20.00	ng	0.00
87) Perylene-d12	24.79	264	447193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	428633	118.85	ng	0.00
7) Phenol-d6	7.14	99	596044	111.24	ng	0.00
23) Nitrobenzene-d5	9.13	82	378623	69.91	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	301436	106.24	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	894292	71.40	ng	0.00
79) Terphenyl-d14	19.98	244	1578515	84.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	51897	32.380	ng	96
3) Pyridine	3.82	79	124075	25.143	ng	93
4) n-Nitrosodimethylamine	3.73	42	59313	39.235	ng	90
6) Aniline	7.29	93	168593	24.200	ng	99
8) 2-Chlorophenol	7.54	128	155859	40.212	ng	99
9) Benzaldehyde	7.10	77	119475	39.389	ng	94
10) Phenol	7.17	94	213840	39.881	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	149199	34.949	ng	99
12) 1,3-Dichlorobenzene	7.86	146	165723	36.285	ng	97
13) 1,4-Dichlorobenzene	8.01	146	168715	37.072	ng	98
14) 1,2-Dichlorobenzene	8.33	146	159315	36.591	ng	96
15) Benzyl Alcohol	8.21	79	160244	35.670	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.50	45	139444	33.276	ng	92
17) 2-Methylphenol	8.42	107	146001	35.292	ng	97
18) Hexachloroethane	9.06	117	64511	37.707	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	130151	34.346	ng	96
20) 3+4-Methylphenols	8.75	107	196969	34.016	ng	95
22) Acetophenone	8.79	105	247827	37.087	ng	99
24) Nitrobenzene	9.18	77	201626	36.322	ng	99
25) Isophorone	9.70	82	375027	33.816	ng	98
26) 2-Nitrophenol	9.89	139	94156	39.378	ng	97
27) 2,4-Dimethylphenol	9.95	122	153130	40.361	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	206565	35.450	ng	98
29) 2,4-Dichlorophenol	10.43	162	166734	38.059	ng	95
30) 1,2,4-Trichlorobenzene	10.65	180	177353	35.756	ng	96
31) Naphthalene	10.83	128	495578	36.662	ng	99
32) Benzoic acid	10.10	122	83463	29.989	ng	95
33) 4-Chloroaniline	10.94	127	79717	12.645	ng	99
34) Hexachlorobutadiene	11.13	225	120701	35.493	ng	96
35) Caprolactam	11.69	113	65086m	37.329	ng	
36) 4-Chloro-3-methylphenol	12.07	107	192269	37.360	ng	96
37) 2-Methylnaphthalene	12.44	142	378321	36.057	ng	96
38) 1-Methylnaphthalene	12.66	142	356769m	36.019	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	209233	35.383	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.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	12.80	237	285507	77.248	ng		99
43) 2,4,6-Trichlorophenol	13.05	196	150868	36.149	ng		93
44) 2,4,5-Trichlorophenol	13.12	196	167549	35.270	ng		98
46) 1,1'-Biphenyl	13.45	154	488163	34.970	ng		98
47) 2-Chloronaphthalene	13.49	162	373693	35.034	ng		99
48) 2-Nitroaniline	13.69	65	128058	36.489	ng		96
49) Acenaphthylene	14.34	152	629055	36.206	ng		99
50) Dimethylphthalate	14.07	163	537173	35.920	ng		99
51) 2,6-Dinitrotoluene	14.19	165	120215	35.940	ng		95
52) Acenaphthene	14.68	154	476141m	40.504	ng		
53) 3-Nitroaniline	14.52	138	61632	16.800	ng		100
54) 2,4-Dinitrophenol	14.72	184	148796	74.810	ng		91
55) Dibenzofuran	15.02	168	619180	36.128	ng		99
56) 4-Nitrophenol	14.83	139	204022	71.725	ng		96
57) 2,4-Dinitrotoluene	14.97	165	173969	35.589	ng		95
58) Fluorene	15.67	166	511907	36.568	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162354	38.409	ng		98
60) Diethylphthalate	15.44	149	558714	35.834	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	280909	34.862	ng		97
62) 4-Nitroaniline	15.68	138	113485	29.825	ng		93
63) Azobenzene	15.95	77	520368	36.200	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	112544	38.644	ng		97
66) n-Nitrosodiphenylamine	15.87	169	457677	35.952	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	198657	34.755	ng		98
68) Hexachlorobenzene	16.68	284	213145	35.955	ng		100
69) Atrazine	16.82	200	179336	37.866	ng		95
70) Pentachlorophenol	17.02	266	251808	69.241	ng		97
71) Phenanthrene	17.41	178	839610	36.877	ng		99
72) Anthracene	17.50	178	869949	38.091	ng		99
73) Carbazole	17.77	167	791486	34.150	ng		98
74) Di-n-butylphthalate	18.33	149	963582	37.132	ng		100
75) Fluoranthene	19.42	202	1054597	38.519	ng		98
77) Benzidine	19.59	184	439445	36.143	ng		98
78) Pyrene	19.78	202	1051192	37.502	ng		98
80) Butylbenzylphthalate	20.67	149	422261	36.342	ng		98
81) Benzo(a)anthracene	21.61	228	991420	37.621	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	212540	20.263	ng		99
83) Chrysene	21.67	228	934246	36.897	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	593758	37.156	ng		97
85) Di-n-octyl phthalate	22.72	149	1005507	36.387	ng		100
86) Indeno(1,2,3-cd)pyrene	28.39	276	1217810	36.226	ng	#	94
88) Benzo(b)fluoranthene	23.79	252	1018941	36.375	ng		99
89) Benzo(k)fluoranthene	23.86	252	1021847	38.359	ng		98
90) Benzo(a)pyrene	24.64	252	948074	35.847	ng	#	98
91) Dibenzo(a,h)anthracene	28.44	278	998609	37.471	ng		96
92) Benzo(g,h,i)perylene	29.50	276	1020803	38.206	ng		97

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

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