Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045579.D
Acq On : 3 Jun 2020 13:38
Operator : CG/JU
Sample : PB129213BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129213BS

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:13 PM

Quant Time: Jun 03 14:26:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	61509	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	239923	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	170061	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	413869	20.00	ng		0.00
76) Chrysene-d12	21.62	240	397082	20.00	ng		0.01
87) Perylene-d12	24.76	264	427454	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	465206	147.81	ng		0.01
7) Phenol-d6	7.16	99	646362	144.29	ng		0.01
23) Nitrobenzene-d5	9.12	82	415442	94.42	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	313098	143.96	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	938249	93.58	ng		0.00
79) Terphenyl-d14	19.97	244	1673692	98.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	62126	39.805	ng		98
3) Pyridine	3.80	79	143035	32.906	ng		93
4) n-Nitrosodimethylamine	3.72	42	65859	46.302	ng		86
6) Aniline	7.28	93	254598	43.537	ng		98
8) 2-Chlorophenol	7.53	128	172598	50.007	ng		98
9) Benzaldehyde	7.09	77	113549	38.905	ng		96
10) Phenol	7.18	94	228257	49.440	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	163510	45.404	ng		98
12) 1,3-Dichlorobenzene	7.85	146	185850	44.808	ng		99
13) 1,4-Dichlorobenzene	7.99	146	188841	46.135	ng		93
14) 1,2-Dichlorobenzene	8.31	146	176509	44.835	ng		96
15) Benzyl Alcohol	8.20	79	177549	47.978	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	151588	44.345	ng		98
17) 2-Methylphenol	8.43	107	154195	44.620	ng		96
18) Hexachloroethane	9.04	117	73909	47.145	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	143429	46.301	ng		96
20) 3+4-Methylphenols	8.76	107	209571	44.535	ng	#	90
22) Acetophenone	8.78	105	262146	46.100	ng		97
24) Nitrobenzene	9.16	77	219718	46.611	ng		99
25) Isophorone	9.68	82	397081	45.827	ng		99
26) 2-Nitrophenol	9.87	139	96607	47.908	ng		95
27) 2,4-Dimethylphenol	9.96	122	162173	54.224	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	219085	48.213	ng		97
29) 2,4-Dichlorophenol	10.43	162	175935	49.815	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	198903	47.661	ng		99
31) Naphthalene	10.81	128	532269	47.608	ng		99
32) Benzoic acid	10.13	122	96455	47.541	ng		89
33) 4-Chloroaniline	10.92	127	184151	39.404	ng		98
34) Hexachlorobutadiene	11.11	225	137939	46.760	ng		96
35) Caprolactam	11.69	113	65324m	50.391	ng		
36) 4-Chloro-3-methylphenol	12.08	107	202698	50.933	ng		97
37) 2-Methylnaphthalene	12.42	142	398377	47.807	ng		98
38) 1-Methylnaphthalene	12.65	142	375993	47.766	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	225171	47.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	279042	101.779	ng		97
43) 2,4,6-Trichlorophenol	13.05	196	155354	47.081	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	168125	44.587	ng		97
46) 1,1'-Biphenyl	13.43	154	509448	48.753	ng		98
47) 2-Chloronaphthalene	13.48	162	387718	45.692	ng		97
48) 2-Nitroaniline	13.68	65	131527	47.122	ng		94
49) Acenaphthylene	14.33	152	649109	47.625	ng		99
50) Dimethylphthalate	14.06	163	537492	46.073	ng		99
51) 2,6-Dinitrotoluene	14.17	165	122502	46.535	ng		98
52) Acenaphthene	14.67	154	476109m	52.185	ng		
53) 3-Nitroaniline	14.51	138	104751	39.144	ng		99
54) 2,4-Dinitrophenol	14.72	184	138136	80.098	ng		98
55) Dibenzofuran	15.00	168	625968	46.202	ng		97
56) 4-Nitrophenol	14.86	139	195498	96.495	ng		97
57) 2,4-Dinitrotoluene	14.97	165	179122	46.983	ng		97
58) Fluorene	15.65	166	523919	47.070	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	158127	47.666	ng		99
60) Diethylphthalate	15.42	149	571527	47.069	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	287841	45.191	ng		97
62) 4-Nitroaniline	15.68	138	136100	48.718	ng		97
63) Azobenzene	15.94	77	534804	47.235	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	113526	47.099	ng		94
66) n-Nitrosodiphenylamine	15.86	169	473054	47.605	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	202169	45.112	ng		95
68) Hexachlorobenzene	16.66	284	219803	46.893	ng		96
69) Atrazine	16.81	200	188400	46.031	ng		98
70) Pentachlorophenol	17.01	266	231849	95.261	ng		99
71) Phenanthrene	17.39	178	873700	48.357	ng		100
72) Anthracene	17.49	178	897764	49.480	ng		98
73) Carbazole	17.76	167	839922	47.490	ng		98
74) Di-n-butylphthalate	18.31	149	1016852	47.902	ng		99
75) Fluoranthene	19.40	202	1112056	48.390	ng		98
77) Benzidine	19.58	184	664080	59.547	ng		99
78) Pyrene	19.77	202	1099049	48.555	ng		99
80) Butylbenzylphthalate	20.65	149	448835	45.939	ng		98
81) Benzo(a)anthracene	21.59	228	1052035	47.560	ng		98
82) 3,3'-Dichlorobenzidine	21.51	252	369170	42.546	ng		98
83) Chrysene	21.66	228	991193	46.602	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	619484	46.126	ng		100
85) Di-n-octyl phthalate	22.69	149	1056714	45.811	ng		99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1287365	46.286	ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1104249	48.168	ng		99
89) Benzo(k)fluoranthene	23.84	252	1061474	49.285	ng		98
90) Benzo(a)pyrene	24.62	252	999038	46.792	ng		98
91) Dibenzo(a,h)anthracene	28.41	278	1038062	48.383	ng		99
92) Benzo(g,h,i)perylene	29.46	276	1059423	49.372	ng		99

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

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