Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
Data File : BG045458.D
Acq On : 26 May 2020 15:33
Operator : CG/JU
Sample : PB129076BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 16:11:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 14:16:30 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB129076BS

Manual Integrations APPROVED
mohammad
5/27/2020 11:48:29 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	67556	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	281265	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	207860	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	496442	20.00	ng		0.00
76) Chrysene-d12	21.61	240	467532	20.00	ng		0.00
87) Perylene-d12	24.76	264	529454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	533113	154.22	ng		0.00
7) Phenol-d6	7.18	99	750571	152.55	ng		0.00
23) Nitrobenzene-d5	9.12	82	475821	92.25	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	380088	142.98	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1113522	90.87	ng		0.00
79) Terphenyl-d14	19.97	244	1936439	96.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	67956	39.64	ng		96
3) Pyridine	3.81	79	158051	33.11	ng		98
4) n-Nitrosodimethylamine	3.72	42	71515	45.78	ng	#	88
6) Aniline	7.29	93	261482	40.71	ng		97
8) 2-Chlorophenol	7.54	128	200327	52.85	ng		98
9) Benzaldehyde	7.09	77	129788	40.49	ng		97
10) Phenol	7.21	94	264574	52.18	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	181687	45.94	ng		99
12) 1,3-Dichlorobenzene	7.85	146	205077	45.02	ng		97
13) 1,4-Dichlorobenzene	7.99	146	211774	47.11	ng		99
14) 1,2-Dichlorobenzene	8.32	146	200491	46.37	ng		96
15) Benzyl Alcohol	8.21	79	202636	49.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	170530	45.42	ng		97
17) 2-Methylphenol	8.45	107	180585	47.58	ng		94
18) Hexachloroethane	9.05	117	78853	45.80	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	166605	48.97	ng		99
20) 3+4-Methylphenols	8.78	107	239395	46.32	ng	#	59
22) Acetophenone	8.78	105	299682	44.95	ng	#	92
24) Nitrobenzene	9.16	77	247193	44.73	ng		98
25) Isophorone	9.69	82	460418	45.33	ng		97
26) 2-Nitrophenol	9.88	139	112511	47.59	ng		95
27) 2,4-Dimethylphenol	9.97	122	193509	55.19	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	253919	47.67	ng		96
29) 2,4-Dichlorophenol	10.44	162	209264	50.54	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	223296	45.64	ng		98
31) Naphthalene	10.82	128	605893	46.23	ng		99
32) Benzoic acid	10.15	122	127694	52.39	ng		96
33) 4-Chloroaniline	10.94	127	160195	29.24	ng		96
34) Hexachlorobutadiene	11.11	225	155029	44.83	ng		98
35) Caprolactam	11.70	113	73169m	48.15	ng		
36) 4-Chloro-3-methylphenol	12.10	107	240042	51.45	ng		96
37) 2-Methylnaphthalene	12.43	142	468897	48.00	ng		99
38) 1-Methylnaphthalene	12.65	142	444377	48.16	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	267215	46.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	345363	103.06	ng		97
43) 2,4,6-Trichlorophenol	13.05	196	188983	46.86	ng		98
44) 2,4,5-Trichlorophenol	13.14	196	201991	43.83	ng		97
46) 1,1'-Biphenyl	13.44	154	612474	47.95	ng		98
47) 2-Chloronaphthalene	13.48	162	464086	44.75	ng		99
48) 2-Nitroaniline	13.69	65	151794	44.49	ng		90
49) Acenaphthylene	14.33	152	785696	47.16	ng		99
50) Dimethylphthalate	14.06	163	653517	45.83	ng		100
51) 2,6-Dinitrotoluene	14.18	165	147265	45.77	ng		94
52) Acenaphthene	14.67	154	460159	41.27	ng		97
53) 3-Nitroaniline	14.52	138	102709	31.40	ng		96
54) 2,4-Dinitrophenol	14.72	184	166726	79.16	ng		95
55) Dibenzofuran	15.00	168	752069	45.42	ng		97
56) 4-Nitrophenol	14.89	139	233135	94.15	ng		94
57) 2,4-Dinitrotoluene	14.97	165	212641	45.63	ng		98
58) Fluorene	15.66	166	622565	45.76	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	196492	48.46	ng		100
60) Diethylphthalate	15.43	149	667075	44.95	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	347229	44.60	ng		98
62) 4-Nitroaniline	15.68	138	150221	43.99	ng		95
63) Azobenzene	15.94	77	632370	45.70	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	128045	44.29	ng		99
66) n-Nitrosodiphenylamine	15.87	169	564133	47.33	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	248208	46.17	ng		99
68) Hexachlorobenzene	16.67	284	265842	47.28	ng		96
69) Atrazine	16.82	200	218671	44.54	ng		99
70) Pentachlorophenol	17.02	266	279358	95.69	ng		97
71) Phenanthrene	17.39	178	1031941	47.62	ng		99
72) Anthracene	17.49	178	1063096	48.85	ng		98
73) Carbazole	17.76	167	971138	45.78	ng		98
74) Di-n-butylphthalate	18.32	149	1149511	45.14	ng		99
75) Fluoranthene	19.41	202	1296684	47.04	ng		100
77) Benzidine	19.59	184	615323	46.86	ng		99
78) Pyrene	19.77	202	1278777	47.98	ng		99
80) Butylbenzylphthalate	20.65	149	521083	45.30	ng		98
81) Benzo(a)anthracene	21.59	228	1232250	47.31	ng		98
82) 3,3'-Dichlorobenzidine	21.51	252	364656	35.69	ng		98
83) Chrysene	21.66	228	1178886	47.07	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	728108	46.04	ng		100
85) Di-n-octyl phthalate	22.69	149	1236342	45.52	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1592185	48.62	ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1319790	46.48	ng		99
89) Benzo(k)fluoranthene	23.83	252	1320060	49.48	ng		100
90) Benzo(a)pyrene	24.61	252	1231981	46.59	ng	#	98
91) Dibenzo(a,h)anthracene	28.40	278	1288967	48.50	ng		100
92) Benzo(g,h,i)perylene	29.45	276	1321748	49.73	ng		98

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

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