Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045742.D
Acq On : 12 Jun 2020 16:01
Operator : CG/JU
Sample : PB129479BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129479BS

Quant Time: Jun 12 17:15:47 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	7.95	152	60268	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	240766	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	169096	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	389117	20.00	ng		0.00
76) Chrysene-d12	21.60	240	351010	20.00	ng		0.00
87) Perylene-d12	24.75	264	372093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	481256	156.06	ng		0.03
7) Phenol-d6	7.19	99	673721	153.49	ng		0.04
23) Nitrobenzene-d5	9.12	82	433714	98.23	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	310871	143.75	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	946999	94.99	ng		0.00
79) Terphenyl-d14	19.95	244	1508740	100.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	59077	38.631	ng		97
3) Pyridine	3.80	79	169224	39.732	ng		94
4) n-Nitrosodimethylamine	3.72	42	71123	51.032	ng		92
6) Aniline	7.28	93	235426	41.088	ng		99
8) 2-Chlorophenol	7.54	128	177840	52.587	ng		94
9) Benzaldehyde	7.08	77	128018	44.766	ng		98
10) Phenol	7.21	94	236873	52.362	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	167738	47.538	ng		98
12) 1,3-Dichlorobenzene	7.84	146	192395	47.341	ng		99
13) 1,4-Dichlorobenzene	7.98	146	193959	48.361	ng		97
14) 1,2-Dichlorobenzene	8.30	146	180827	46.877	ng		98
15) Benzyl Alcohol	8.20	79	185459	51.148	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	160793	48.007	ng		99
17) 2-Methylphenol	8.45	107	162900	48.110	ng		97
18) Hexachloroethane	9.03	117	75300	49.022	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	158608	52.256	ng		99
20) 3+4-Methylphenols	8.78	107	213867	46.384	ng	#	59
22) Acetophenone	8.77	105	271019	47.494	ng	#	91
24) Nitrobenzene	9.16	77	229514	48.519	ng		97
25) Isophorone	9.68	82	414424	47.662	ng		98
26) 2-Nitrophenol	9.87	139	101807	50.310	ng		96
27) 2,4-Dimethylphenol	9.97	122	162795	54.241	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	228367	50.080	ng		96
29) 2,4-Dichlorophenol	10.44	162	182340	51.448	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	201620	48.143	ng		99
31) Naphthalene	10.81	128	544168	48.502	ng		99
32) Benzoic acid	10.17	122	96783	47.536	ng		93
33) 4-Chloroaniline	10.93	127	143917	30.687	ng		96
34) Hexachlorobutadiene	11.10	225	139802	47.225	ng		98
35) Caprolactam	11.71	113	62627	48.142	ng	#	76
36) 4-Chloro-3-methylphenol	12.11	107	210954	52.822	ng		96
37) 2-Methylnaphthalene	12.42	142	410940	49.142	ng		95
38) 1-Methylnaphthalene	12.63	142	390862	49.481	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	230096	48.717	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	274760	100.789 ng		96
43) 2,4,6-Trichlorophenol	13.05	196	164831	50.239 ng		96
44) 2,4,5-Trichlorophenol	13.15	196	174194	46.461 ng		99
46) 1,1'-Biphenyl	13.43	154	518595	49.912 ng		100
47) 2-Chloronaphthalene	13.47	162	413528	49.012 ng		99
48) 2-Nitroaniline	13.69	65	137281	49.464 ng		95
49) Acenaphthylene	14.31	152	655901	48.398 ng		98
50) Dimethylphthalate	14.05	163	550616	47.467 ng		98
51) 2,6-Dinitrotoluene	14.17	165	126546	48.346 ng		99
52) Acenaphthene	14.66	154	399680	44.058 ng		96
53) 3-Nitroaniline	14.52	138	94576	35.544 ng	#	93
54) 2,4-Dinitrophenol	14.72	184	113767	67.282 ng		95
55) Dibenzofuran	15.00	168	639372	47.461 ng		97
56) 4-Nitrophenol	14.90	139	160285	79.566 ng		90
57) 2,4-Dinitrotoluene	14.97	165	179028	47.226 ng		99
58) Fluorene	15.64	166	537040	48.524 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161631	49.001 ng		100
60) Diethylphthalate	15.41	149	571467	47.332 ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	297504	46.975 ng		99
62) 4-Nitroaniline	15.69	138	110436	39.757 ng		97
63) Azobenzene	15.93	77	558685	49.626 ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	106304	46.908 ng		96
66) n-Nitrosodiphenylamine	15.85	169	477861	51.148 ng		95
67) 4-Bromophenyl-phenylether	16.53	248	206935	49.112 ng		97
68) Hexachlorobenzene	16.65	284	224498	50.942 ng		98
69) Atrazine	16.81	200	177473	46.119 ng		98
70) Pentachlorophenol	17.01	266	213322	93.224 ng		95
71) Phenanthrene	17.39	178	845137	49.752 ng		99
72) Anthracene	17.47	178	867360	50.845 ng		98
73) Carbazole	17.76	167	781290	46.985 ng		99
74) Di-n-butylphthalate	18.30	149	946814	47.440 ng		100
75) Fluoranthene	19.40	202	1018073	47.119 ng		100
77) Benzidine	19.58	184	423316	42.940 ng		99
78) Pyrene	19.75	202	1004574	50.206 ng		100
80) Butylbenzylphthalate	20.64	149	417564	48.348 ng		97
81) Benzo(a)anthracene	21.58	228	959831	49.087 ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	311091	40.559 ng		99
83) Chrysene	21.65	228	921732	49.024 ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	578704	48.745 ng		99
85) Di-n-octyl phthalate	22.67	149	960689	47.115 ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1164401	47.360 ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1009293	50.576 ng		99
89) Benzo(k)fluoranthene	23.82	252	989015	52.753 ng		99
90) Benzo(a)pyrene	24.60	252	929615	50.019 ng		99
91) Dibenzo(a,h)anthracene	28.38	278	942173	50.447 ng		98
92) Benzo(g,h,i)perylene	29.44	276	952534	50.995 ng		98

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

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