Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045720.D
Acq On : 11 Jun 2020 12:48
Operator : CG/JU
Sample : L2965-09MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OFFICE-SLAB-1MSD

Quant Time: Jun 11 13:39:57 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	63461	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	255585	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	167703	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	324119	20.00	ng		0.00
76) Chrysene-d12	21.60	240	285804	20.00	ng		0.00
87) Perylene-d12	24.76	264	308761	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	134299	41.36	ng		0.00
7) Phenol-d6	7.14	99	266484	57.66	ng		0.00
23) Nitrobenzene-d5	9.11	82	204213	43.57	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	67357	31.41	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	471964	47.74	ng		0.00
79) Terphenyl-d14	19.95	244	577418	47.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	60013	37.269	ng		94
3) Pyridine	3.80	79	184134	41.058	ng		97
4) n-Nitrosodimethylamine	3.72	42	80358	54.757	ng		80
6) Aniline	7.27	93	230287	38.169	ng		99
8) 2-Chlorophenol	7.52	128	214289	60.176	ng		99
9) Benzaldehyde	7.08	77	154613	51.345	ng		98
10) Phenol	7.16	94	337876	70.932	ng		97
11) bis(2-Chloroethyl)ether	7.36	93	194771	52.422	ng		95
12) 1,3-Dichlorobenzene	7.84	146	223263	52.172	ng		98
13) 1,4-Dichlorobenzene	7.98	146	232121	54.964	ng		95
14) 1,2-Dichlorobenzene	8.30	146	219639	54.074	ng		98
15) Benzyl Alcohol	8.19	79	221647	58.052	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	183186	51.941	ng		97
17) 2-Methylphenol	8.42	107	194508	54.555	ng		95
18) Hexachloroethane	9.03	117	90650	56.045	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	176213	55.135	ng		97
20) 3+4-Methylphenols	8.74	107	261174	53.794	ng		92
22) Acetophenone	8.77	105	324968	53.646	ng	#	97
24) Nitrobenzene	9.15	77	271033	53.974	ng		96
25) Isophorone	9.68	82	468020	50.705	ng		98
26) 2-Nitrophenol	9.87	139	122476	57.015	ng		95
27) 2,4-Dimethylphenol	9.94	122	188190	59.067	ng		91
28) bis(2-Chloroethoxy)methane	10.16	93	269293	55.631	ng		96
29) 2,4-Dichlorophenol	10.42	162	220294	58.553	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	245443	55.209	ng		98
31) Naphthalene	10.81	128	648553	54.454	ng		99
32) Benzoic acid	10.13	122	113523	51.474	ng		93
33) 4-Chloroaniline	10.91	127	168273	33.800	ng		99
34) Hexachlorobutadiene	11.09	225	171643	54.619	ng		98
35) Caprolactam	11.71	113	79726	57.732	ng	#	83
36) 4-Chloro-3-methylphenol	12.06	107	243304	57.390	ng		94
37) 2-Methylnaphthalene	12.42	142	495556	55.824	ng		99
38) 1-Methylnaphthalene	12.63	142	464972	55.450	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	273673	58.425	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	300561	111.169	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	182447	56.070	ng		100
44) 2,4,5-Trichlorophenol	13.12	196	197439	53.098	ng		98
46) 1,1'-Biphenyl	13.42	154	595487	57.788	ng		99
47) 2-Chloronaphthalene	13.47	162	471372	56.332	ng		100
48) 2-Nitroaniline	13.67	65	153450	55.749	ng		91
49) Acenaphthylene	14.31	152	711197	52.914	ng		99
50) Dimethylphthalate	14.05	163	612857	53.272	ng		98
51) 2,6-Dinitrotoluene	14.17	165	142607	54.935	ng		99
52) Acenaphthene	14.66	154	433861	48.223	ng		98
53) 3-Nitroaniline	14.50	138	110257	41.781	ng		98
54) 2,4-Dinitrophenol	14.71	184	124538	73.697	ng		97
55) Dibenzofuran	15.00	168	692688	51.846	ng		98
56) 4-Nitrophenol	14.85	139	190900	95.550	ng		87
57) 2,4-Dinitrotoluene	14.96	165	176988	47.076	ng	#	98
58) Fluorene	15.64	166	565889	51.555	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	171346	52.377	ng		98
60) Diethylphthalate	15.41	149	583028	48.691	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	313505	49.913	ng		98
62) 4-Nitroaniline	15.67	138	120837	43.862	ng		95
63) Azobenzene	15.93	77	574003	51.410	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	94065	49.831	ng		93
66) n-Nitrosodiphenylamine	15.85	169	525618	67.542	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	200889	57.239	ng		98
68) Hexachlorobenzene	16.66	284	218169	59.433	ng		98
69) Atrazine	16.80	200	170889	53.314	ng		99
70) Pentachlorophenol	17.00	266	223146	117.073	ng		96
71) Phenanthrene	17.39	178	792459	56.006	ng		100
72) Anthracene	17.47	178	807582	56.834	ng		98
73) Carbazole	17.74	167	722152	52.138	ng		99
74) Di-n-butylphthalate	18.30	149	832303	50.065	ng		98
75) Fluoranthene	19.40	202	864807	48.052	ng		99
77) Benzidine	19.58	184	147952	18.432	ng		96
78) Pyrene	19.76	202	859765	52.772	ng		99
80) Butylbenzylphthalate	20.65	149	348226	49.519	ng		94
81) Benzo(a)anthracene	21.59	228	856638	53.805	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	181707	29.095	ng		100
83) Chrysene	21.65	228	845542	55.232	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	546758	56.562	ng		98
85) Di-n-octyl phthalate	22.68	149	843182	50.786	ng		98
86) Indeno(1,2,3-cd)pyrene	28.39	276	1108591	55.377	ng		98
88) Benzo(b)fluoranthene	23.77	252	901964	54.469	ng	#	95
89) Benzo(k)fluoranthene	23.83	252	917481	58.975	ng		97
90) Benzo(a)pyrene	24.62	252	847669	54.965	ng	#	97
91) Dibenzo(a,h)anthracene	28.43	278	919045	59.302	ng		98
92) Benzo(g,h,i)perylene	29.50	276	885930	57.158	ng		96

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

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