Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
Data File : BG045459.D
Acq On : 26 May 2020 16:13
Operator : CG/JU
Sample : PB129080BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129080BS

Manual Integrations APPROVED
mohammad
5/27/2020 11:48:32 AM

Quant Time: May 26 17:01:40 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70761	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	286722	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	213403	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	506226	20.00	ng		0.00
76) Chrysene-d12	21.61	240	480286	20.00	ng		0.00
87) Perylene-d12	24.76	264	528659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	579817	160.14	ng		0.00
7) Phenol-d6	7.18	99	829611	160.98	ng		0.00
23) Nitrobenzene-d5	9.12	82	525087	99.87	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	414156	151.75	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1215024	96.57	ng		0.00
79) Terphenyl-d14	19.97	244	2034222	98.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	71445	39.79	ng		98
3) Pyridine	3.81	79	167673	33.53	ng		95
4) n-Nitrosodimethylamine	3.72	42	75003	45.84	ng		93
6) Aniline	7.29	93	263659	39.19	ng		99
8) 2-Chlorophenol	7.55	128	212453	53.51	ng		99
9) Benzaldehyde	7.09	77	139605	41.58	ng		97
10) Phenol	7.21	94	282810	53.25	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	195834	47.27	ng		99
12) 1,3-Dichlorobenzene	7.85	146	225306	47.22	ng		97
13) 1,4-Dichlorobenzene	7.99	146	222731	47.30	ng		97
14) 1,2-Dichlorobenzene	8.32	146	209781	46.32	ng		98
15) Benzyl Alcohol	8.21	79	216183	50.78	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	180972	46.02	ng		98
17) 2-Methylphenol	8.45	107	197909	49.78	ng		95
18) Hexachloroethane	9.05	117	86485	47.95	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	180962	50.78	ng		98
20) 3+4-Methylphenols	8.78	107	257368	47.54	ng	#	64
22) Acetophenone	8.79	105	327339	48.17	ng	#	94
24) Nitrobenzene	9.17	77	263646	46.80	ng		97
25) Isophorone	9.69	82	495253	47.83	ng		98
26) 2-Nitrophenol	9.88	139	122828	50.97	ng		93
27) 2,4-Dimethylphenol	9.97	122	207124	57.95	ng		94
28) bis(2-Chloroethoxy)methane	10.17	93	268181	49.38	ng		98
29) 2,4-Dichlorophenol	10.44	162	227172	53.82	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	238880	47.90	ng		98
31) Naphthalene	10.82	128	648557	48.54	ng		98
32) Benzoic acid	10.16	122	141324	56.02	ng		98
33) 4-Chloroaniline	10.94	127	137737	24.66	ng		99
34) Hexachlorobutadiene	11.11	225	166773	47.31	ng		98
35) Caprolactam	11.70	113	80457m	51.93	ng		
36) 4-Chloro-3-methylphenol	12.10	107	259305	54.52	ng		94
37) 2-Methylnaphthalene	12.43	142	498196	50.03	ng		100
38) 1-Methylnaphthalene	12.65	142	474889	50.48	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	288354	48.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	370017	107.55	ng		99
43) 2,4,6-Trichlorophenol	13.05	196	203487	49.14	ng		99
44) 2,4,5-Trichlorophenol	13.15	196	217926	46.06	ng		98
46) 1,1'-Biphenyl	13.44	154	651014	49.65	ng		99
47) 2-Chloronaphthalene	13.48	162	494713	46.46	ng		100
48) 2-Nitroaniline	13.69	65	156355	44.64	ng		87
49) Acenaphthylene	14.33	152	835433	48.85	ng		99
50) Dimethylphthalate	14.06	163	692533	47.31	ng		98
51) 2,6-Dinitrotoluene	14.18	165	162854	49.30	ng		91
52) Acenaphthene	14.67	154	492425	43.01	ng		97
53) 3-Nitroaniline	14.52	138	97833	29.13	ng	#	97
54) 2,4-Dinitrophenol	14.72	184	178974	82.52	ng		98
55) Dibenzofuran	15.00	168	809652	47.62	ng		97
56) 4-Nitrophenol	14.88	139	246530	96.97	ng		94
57) 2,4-Dinitrotoluene	14.97	165	229558	47.98	ng		99
58) Fluorene	15.65	166	669283	47.92	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	205881	49.46	ng		98
60) Diethylphthalate	15.42	149	708370	46.49	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	373548	46.74	ng		100
62) 4-Nitroaniline	15.69	138	158649	45.26	ng		95
63) Azobenzene	15.94	77	668768	47.07	ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	142187	48.23	ng		98
66) n-Nitrosodiphenylamine	15.87	169	609808	50.17	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	259538	47.35	ng		98
68) Hexachlorobenzene	16.66	284	287778	50.19	ng		98
69) Atrazine	16.82	200	236818	47.30	ng		98
70) Pentachlorophenol	17.02	266	307296	103.22	ng		98
71) Phenanthrene	17.39	178	1088364	49.25	ng		99
72) Anthracene	17.49	178	1110194	50.02	ng		97
73) Carbazole	17.76	167	1024189	47.34	ng		100
74) Di-n-butylphthalate	18.32	149	1220384	47.00	ng		98
75) Fluoranthene	19.41	202	1352847	48.13	ng		99
77) Benzidine	19.58	184	613448	45.48	ng		99
78) Pyrene	19.77	202	1349409	49.29	ng		99
80) Butylbenzylphthalate	20.65	149	540880	45.77	ng		100
81) Benzo(a)anthracene	21.59	228	1296892	48.47	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	346313	33.00	ng		97
83) Chrysene	21.66	228	1233057	47.93	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	760510	46.82	ng		99
85) Di-n-octyl phthalate	22.70	149	1291489	46.29	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1648644	49.01	ng	#	95
88) Benzo(b)fluoranthene	23.77	252	1369737	48.31	ng		97
89) Benzo(k)fluoranthene	23.84	252	1373186	51.55	ng		100
90) Benzo(a)pyrene	24.61	252	1284149	48.63	ng		97
91) Dibenzo(a,h)anthracene	28.40	278	1337208	50.39	ng		98
92) Benzo(g,h,i)perylene	29.46	276	1371376	51.68	ng		99

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

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