Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045475.D
Acq On : 27 May 2020 14:13
Operator : CG/JU
Sample : PB129112BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129112BS

Manual Integrations APPROVED
mohammad
5/29/2020 10:24:30 PM

Quant Time: May 27 14:53:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	69567	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	278433	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	206714	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	504703	20.00	ng		0.00
76) Chrysene-d12	21.61	240	472870	20.00	ng		0.00
87) Perylene-d12	24.76	264	531039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	516706	145.15	ng		0.00
7) Phenol-d6	7.18	99	722610	142.62	ng		0.00
23) Nitrobenzene-d5	9.12	82	465082	91.09	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	374359	141.61	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1090631	89.49	ng		0.00
79) Terphenyl-d14	19.96	244	1928727	95.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	64513	36.547	ng		98
3) Pyridine	3.80	79	151759	30.869	ng		94
4) n-Nitrosodimethylamine	3.72	42	68015	42.279	ng		96
6) Aniline	7.28	93	227575	34.409	ng		99
8) 2-Chlorophenol	7.54	128	194456	49.814	ng		95
9) Benzaldehyde	7.09	77	126119	38.207	ng		97
10) Phenol	7.20	94	252222	48.302	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	172411	42.331	ng		98
12) 1,3-Dichlorobenzene	7.85	146	205123	43.726	ng		97
13) 1,4-Dichlorobenzene	7.99	146	210396	45.447	ng		98
14) 1,2-Dichlorobenzene	8.31	146	193401	43.435	ng		98
15) Benzyl Alcohol	8.20	79	193121	46.141	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	164860	42.642	ng		98
17) 2-Methylphenol	8.44	107	174039	44.529	ng		97
18) Hexachloroethane	9.04	117	80171	45.216	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	162644	46.423	ng		98
20) 3+4-Methylphenols	8.77	107	238085	44.734	ng	#	71
22) Acetophenone	8.78	105	299693	45.414	ng	#	94
24) Nitrobenzene	9.16	77	240669	43.994	ng		98
25) Isophorone	9.68	82	451800	44.931	ng		98
26) 2-Nitrophenol	9.88	139	108468	46.351	ng		96
27) 2,4-Dimethylphenol	9.97	122	187794	54.106	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	249561	47.324	ng		96
29) 2,4-Dichlorophenol	10.44	162	203707	49.701	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	219800	45.384	ng		93
31) Naphthalene	10.82	128	589444	45.430	ng		99
32) Benzoic acid	10.14	122	121026	50.587	ng		95
33) 4-Chloroaniline	10.93	127	107155	19.758	ng		95
34) Hexachlorobutadiene	11.11	225	152600	44.575	ng		99
35) Caprolactam	11.69	113	73959m	49.161	ng		
36) 4-Chloro-3-methylphenol	12.09	107	231703	50.169	ng		97
37) 2-Methylnaphthalene	12.43	142	452831	46.825	ng		97
38) 1-Methylnaphthalene	12.64	142	433616	47.467	ng	#	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	260677	45.148	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	355215	106.589	ng		96
43) 2,4,6-Trichlorophenol	13.05	196	184310	45.953	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	199850	43.603	ng		96
46) 1,1'-Biphenyl	13.43	154	593116	46.696	ng		100
47) 2-Chloronaphthalene	13.48	162	452887	43.909	ng		99
48) 2-Nitroaniline	13.68	65	147920	43.598	ng		89
49) Acenaphthylene	14.32	152	770410	46.502	ng		99
50) Dimethylphthalate	14.06	163	645150	45.496	ng		100
51) 2,6-Dinitrotoluene	14.18	165	147025	45.948	ng		94
52) Acenaphthene	14.67	154	564235m	50.879	ng		
53) 3-Nitroaniline	14.51	138	77102	23.704	ng		98
54) 2,4-Dinitrophenol	14.72	184	172997	82.360	ng		94
55) Dibenzofuran	15.00	168	740255	44.950	ng		96
56) 4-Nitrophenol	14.88	139	229208	93.074	ng		93
57) 2,4-Dinitrotoluene	14.97	165	210530	45.430	ng		97
58) Fluorene	15.65	166	619311	45.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	189243	46.931	ng		99
60) Diethylphthalate	15.42	149	659864	44.708	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	343243	44.334	ng		100
62) 4-Nitroaniline	15.68	138	142621	42.000	ng		99
63) Azobenzene	15.93	77	619264	44.997	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	135593	46.130	ng		96
66) n-Nitrosodiphenylamine	15.86	169	556908	45.957	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	239314	43.789	ng		97
68) Hexachlorobenzene	16.66	284	267726	46.838	ng		99
69) Atrazine	16.81	200	219859	44.049	ng		99
70) Pentachlorophenol	17.02	266	286519	96.536	ng		97
71) Phenanthrene	17.39	178	1024513	46.499	ng		99
72) Anthracene	17.49	178	1047608	47.347	ng		98
73) Carbazole	17.76	167	964566	44.722	ng		99
74) Di-n-butylphthalate	18.31	149	1165632	45.028	ng		99
75) Fluoranthene	19.40	202	1290428	46.046	ng		98
77) Benzidine	19.58	184	506722	38.155	ng		99
78) Pyrene	19.76	202	1272442	47.205	ng		97
80) Butylbenzylphthalate	20.65	149	523744	45.015	ng		97
81) Benzo(a)anthracene	21.59	228	1229195	46.663	ng		98
82) 3,3'-Dichlorobenzidine	21.51	252	266399	25.781	ng		99
83) Chrysene	21.66	228	1167271	46.085	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	725362	45.353	ng		98
85) Di-n-octyl phthalate	22.70	149	1235343	44.972	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1558885	47.065	ng	#	95
88) Benzo(b)fluoranthene	23.77	252	1314936	46.170	ng		100
89) Benzo(k)fluoranthene	23.83	252	1292655	48.311	ng		99
90) Benzo(a)pyrene	24.61	252	1223692	46.135	ng		97
91) Dibenzo(a,h)anthracene	28.40	278	1275758	47.863	ng		100
92) Benzo(g,h,i)perylene	29.45	276	1304169	48.923	ng		97

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

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