Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045810.D
Acq On : 19 Jun 2020 11:26
Operator : CG/JU
Sample : PB129631BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129631BSD

Manual Integrations APPROVED
mohammad
6/22/2020 3:24:06 PM

Quant Time: Jun 19 12:41:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	52948	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	198435	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	138534	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	328141	20.00	ng		0.00
76) Chrysene-d12	21.58	240	302253	20.00	ng		0.00
86) Perylene-d12	24.70	264	327560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	432291	137.92	ng		0.00
7) Phenol-d6	7.15	99	603940	126.67	ng		-0.01
23) Nitrobenzene-d5	9.08	82	384152	88.44	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	272322	130.20	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	853372	90.53	ng		0.00
79) Terphenyl-d14	19.93	244	1425778	95.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	53487	37.258	ng		94
3) Pyridine	3.77	79	152090	35.751	ng		96
4) n-Nitrosodimethylamine	3.68	42	62454	43.737	ng		88
6) Aniline	7.25	93	226699	40.382	ng		99
8) 2-Chlorophenol	7.50	128	154123	45.937	ng		96
9) Benzaldehyde	7.05	77	89179	31.142	ng		98
10) Phenol	7.18	94	205223	44.424	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	144530	41.190	ng		98
12) 1,3-Dichlorobenzene	7.81	146	171426	42.875	ng		97
13) 1,4-Dichlorobenzene	7.95	146	170790	42.765	ng		98
14) 1,2-Dichlorobenzene	8.27	146	163537	42.774	ng		96
15) Benzyl Alcohol	8.17	79	156266	42.354	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	134596	40.700	ng		82
17) 2-Methylphenol	8.41	107	139048	40.445	ng		98
18) Hexachloroethane	9.00	117	65153	42.955	ng		97
19) n-Nitroso-di-n-propylamine	8.72	70	132200	42.176	ng		98
20) 3+4-Methylphenols	8.74	107	182526	40.369	ng	#	67
22) Acetophenone	8.74	105	236595	43.440	ng		95
24) Nitrobenzene	9.12	77	199130	42.995	ng		98
25) Isophorone	9.65	82	351169	41.761	ng		98
26) 2-Nitrophenol	9.83	139	86285	44.718	ng		94
27) 2,4-Dimethylphenol	9.93	122	138179	46.906	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	192495	43.824	ng		99
29) 2,4-Dichlorophenol	10.40	162	153843	44.761	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	174754	42.949	ng		98
31) Naphthalene	10.77	128	466959	43.043	ng		98
32) Benzoic acid	10.13	122	82738	44.184	ng		89
33) 4-Chloroaniline	10.89	127	161222	35.487	ng		97
34) Hexachlorobutadiene	11.06	225	121326	41.927	ng		98
35) Caprolactam	11.66	113	50992m	45.847	ng		
36) 4-Chloro-3-methylphenol	12.07	107	177441	44.714	ng		96
37) 2-Methylnaphthalene	12.38	142	347095	42.966	ng		97
38) 1-Methylnaphthalene	12.60	142	333441	43.617	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	196571	43.093	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	239125	93.334	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	133592	43.195	ng		97
44) 2,4,5-Trichlorophenol	13.11	196	140290	39.800	ng		99
46) 1,1'-Biphenyl	13.39	154	443445	44.710	ng		99
47) 2-Chloronaphthalene	13.44	162	341118	42.577	ng		99
48) 2-Nitroaniline	13.65	65	112179	42.093	ng		98
49) Acenaphthylene	14.29	152	555012	43.249	ng		100
50) Dimethylphthalate	14.02	163	468094	43.132	ng		99
51) 2,6-Dinitrotoluene	14.15	165	106672	43.762	ng		97
52) Acenaphthene	14.63	154	333381	42.858	ng		95
53) 3-Nitroaniline	14.49	138	84475	34.696	ng	#	93
54) 2,4-Dinitrophenol	14.69	184	125946	91.313	ng		93
55) Dibenzofuran	14.97	168	546421	43.242	ng		99
56) 4-Nitrophenol	14.86	139	140303	80.410	ng		99
57) 2,4-Dinitrotoluene	14.94	165	150978	43.230	ng		98
58) Fluorene	15.62	166	463774	44.137	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	137404	44.913	ng		98
60) Diethylphthalate	15.39	149	482078	43.452	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	255757	42.231	ng		98
62) 4-Nitroaniline	15.66	138	104826	41.951	ng		93
63) Azobenzene	15.90	77	463476	43.508	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	97067	47.866	ng		96
66) n-Nitrosodiphenylamine	15.83	169	401070	43.152	ng		96
67) 4-Bromophenyl-phenylether	16.50	248	175712	41.211	ng		99
68) Hexachlorobenzene	16.63	284	193578	43.783	ng		93
69) Atrazine	16.78	200	156030	43.263	ng		98
70) Pentachlorophenol	16.99	266	181908	83.099	ng		96
71) Phenanthrene	17.36	178	726238	42.913	ng		98
72) Anthracene	17.45	178	744368	44.170	ng		98
73) Carbazole	17.73	167	684967	42.687	ng		99
74) Di-n-butylphthalate	18.28	149	820636	43.192	ng		99
75) Fluoranthene	19.37	202	924655	44.433	ng		99
77) Benzidine	19.56	184	549799	69.970	ng		99
78) Pyrene	19.73	202	908294	44.876	ng		99
80) Butylbenzylphthalate	20.62	149	364933	43.076	ng		95
81) Benzo(a)anthracene	21.56	228	845517	43.147	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	281362	37.958	ng		97
83) Chrysene	21.62	228	816410	43.074	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	508936	43.188	ng	#	97
85) Di-n-octyl phthalate	22.65	149	878296	43.209	ng		99
87) Indeno(1,2,3-cd)pyrene	28.26	276	1064346	44.821	ng	#	98
88) Benzo(b)fluoranthene	23.72	252	916307	44.616	ng		98
89) Benzo(k)fluoranthene	23.78	252	905033	46.043	ng		97
90) Benzo(a)pyrene	24.56	252	840297	43.800	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	862273	45.281	ng		100
92) Benzo(g,h,i)perylene	29.36	276	858298	45.031	ng		98

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

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