Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045809.D
Acq On : 19 Jun 2020 10:47
Operator : CG/JU
Sample : PB129631BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129631BS

Manual Integrations APPROVED
mohammad
6/22/2020 3:24:02 PM

Quant Time: Jun 20 00:15:58 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	7.92	152	50430	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	191802	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	133406	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	317259	20.00	ng		0.00
76) Chrysene-d12	21.58	240	300234	20.00	ng		0.00
86) Perylene-d12	24.71	264	333501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	419209	140.42	ng		0.00
7) Phenol-d6	7.15	99	576558	126.97	ng		-0.01
23) Nitrobenzene-d5	9.08	82	374357	89.16	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	268324	133.22	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	815921	89.88	ng		0.00
79) Terphenyl-d14	19.94	244	1398321	94.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	50935	37.252	ng		96
3) Pyridine	3.76	79	150182	37.066	ng		96
4) n-Nitrosodimethylamine	3.68	42	59989	44.108	ng	#	95
6) Aniline	7.25	93	220838	41.302	ng		99
8) 2-Chlorophenol	7.51	128	149146	46.674	ng		95
9) Benzaldehyde	7.05	77	87307	32.010	ng		99
10) Phenol	7.18	94	197048	44.784	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	141480	42.334	ng		98
12) 1,3-Dichlorobenzene	7.81	146	162702	42.725	ng		99
13) 1,4-Dichlorobenzene	7.95	146	166435	43.756	ng		96
14) 1,2-Dichlorobenzene	8.27	146	154301	42.373	ng		97
15) Benzyl Alcohol	8.18	79	146650	41.732	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	130992	41.588	ng		83
17) 2-Methylphenol	8.41	107	132992	40.615	ng		97
18) Hexachloroethane	9.00	117	61538	42.597	ng		94
19) n-Nitroso-di-n-propylamine	8.72	70	124690	41.766	ng		97
20) 3+4-Methylphenols	8.75	107	173799	40.358	ng	#	70
22) Acetophenone	8.74	105	226697	43.062	ng	#	97
24) Nitrobenzene	9.12	77	192133	42.919	ng		98
25) Isophorone	9.64	82	340891	41.941	ng		98
26) 2-Nitrophenol	9.84	139	83631	44.842	ng		97
27) 2,4-Dimethylphenol	9.93	122	132698	46.603	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	186249	43.868	ng		99
29) 2,4-Dichlorophenol	10.41	162	150613	45.337	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	171424	43.588	ng		90
31) Naphthalene	10.77	128	450085	42.922	ng		98
32) Benzoic acid	10.13	122	75253	42.107	ng		90
33) 4-Chloroaniline	10.90	127	160702	36.596	ng		97
34) Hexachlorobutadiene	11.06	225	119887	42.863	ng		97
35) Caprolactam	11.67	113	49824m	46.346	ng		
36) 4-Chloro-3-methylphenol	12.06	107	172421	44.951	ng		97
37) 2-Methylnaphthalene	12.39	142	335933	43.022	ng		99
38) 1-Methylnaphthalene	12.61	142	321983	43.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	189930	43.237	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	227466	92.299	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	128023	42.985	ng		95
44) 2,4,5-Trichlorophenol	13.11	196	135044	39.784	ng		95
46) 1,1'-Biphenyl	13.40	154	426384	44.642	ng		98
47) 2-Chloronaphthalene	13.44	162	331781	43.003	ng		98
48) 2-Nitroaniline	13.66	65	110213	42.945	ng		99
49) Acenaphthylene	14.29	152	532755	43.111	ng		100
50) Dimethylphthalate	14.03	163	452185	43.267	ng		98
51) 2,6-Dinitrotoluene	14.14	165	103904	44.265	ng		99
52) Acenaphthene	14.63	154	321596	42.933	ng		99
53) 3-Nitroaniline	14.48	138	81301	34.676	ng		93
54) 2,4-Dinitrophenol	14.70	184	111168	84.516	ng		98
55) Dibenzofuran	14.97	168	529363	43.502	ng		100
56) 4-Nitrophenol	14.87	139	133349	79.414	ng		94
57) 2,4-Dinitrotoluene	14.94	165	148183	44.060	ng		99
58) Fluorene	15.62	166	438625	43.348	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	126310	42.874	ng		96
60) Diethylphthalate	15.39	149	464243	43.453	ng		96
61) 4-Chlorophenyl-phenylether	15.61	204	246924	42.340	ng		99
62) 4-Nitroaniline	15.65	138	103972m	43.209	ng		
63) Azobenzene	15.90	77	446517	43.527	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	96027	48.977	ng		95
66) n-Nitrosodiphenylamine	15.83	169	388964	43.285	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	167953	40.742	ng		99
68) Hexachlorobenzene	16.63	284	186546	43.640	ng		94
69) Atrazine	16.78	200	152144	43.632	ng		98
70) Pentachlorophenol	16.99	266	172686	81.730	ng		97
71) Phenanthrene	17.36	178	712208	43.527	ng		98
72) Anthracene	17.45	178	719997	44.189	ng		100
73) Carbazole	17.73	167	665620	42.904	ng		100
74) Di-n-butylphthalate	18.28	149	802360	43.679	ng		100
75) Fluoranthene	19.37	202	904351	44.947	ng		99
77) Benzidine	19.55	184	540835	69.292	ng		99
78) Pyrene	19.74	202	878203	43.681	ng		100
80) Butylbenzylphthalate	20.62	149	354759	42.156	ng		95
81) Benzo(a)anthracene	21.56	228	837449	43.023	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	275891	37.470	ng		99
83) Chrysene	21.62	228	809733	43.009	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	500845	42.788	ng	#	96
85) Di-n-octyl phthalate	22.64	149	873067	43.241	ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1047122	43.310	ng		99
88) Benzo(b)fluoranthene	23.71	252	919502	43.974	ng		97
89) Benzo(k)fluoranthene	23.78	252	871740	43.559	ng		98
90) Benzo(a)pyrene	24.56	252	842250	43.119	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	863049	44.515	ng		98
92) Benzo(g,h,i)perylene	29.36	276	853702	43.992	ng		99

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

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