Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
Data File : BG045846.D
Acq On : 24 Jun 2020 15:54
Operator : CG/JU
Sample : PB129750BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129750BS

Manual Integrations APPROVED
mohammad
6/25/2020 1:06:36 PM

Quant Time: Jun 24 17:09:21 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	57798	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	231054	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	166130	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	378750	20.00	ng		0.00
76) Chrysene-d12	21.58	240	318199	20.00	ng		0.00
86) Perylene-d12	24.71	264	361281	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	393998	115.15	ng		0.00
7) Phenol-d6	7.15	99	558601	107.33	ng		-0.01
23) Nitrobenzene-d5	9.09	82	350324	69.27	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	244853	97.62	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	785110	69.45	ng		0.00
79) Terphenyl-d14	19.94	244	1227674	78.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	46220	29.494	ng		94
3) Pyridine	3.77	79	139899	30.126	ng		97
4) n-Nitrosodimethylamine	3.68	42	60041	38.519	ng		100
6) Aniline	7.25	93	185062	30.199	ng		97
8) 2-Chlorophenol	7.51	128	148101	40.438	ng		97
9) Benzaldehyde	7.06	77	77003	24.633	ng		97
10) Phenol	7.18	94	198914	39.445	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	139858	36.514	ng		98
12) 1,3-Dichlorobenzene	7.81	146	161340	36.967	ng		99
13) 1,4-Dichlorobenzene	7.96	146	159656	36.623	ng		99
14) 1,2-Dichlorobenzene	8.28	146	151142	36.215	ng		98
15) Benzyl Alcohol	8.18	79	154627	38.393	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	127732	35.383	ng		81
17) 2-Methylphenol	8.42	107	135406	36.081	ng		99
18) Hexachloroethane	9.00	117	61098	36.901	ng		94
19) n-Nitroso-di-n-propylamine	8.73	70	125896	36.794	ng		98
20) 3+4-Methylphenols	8.75	107	179931	36.456	ng	#	69
22) Acetophenone	8.75	105	227006	35.796	ng	#	95
24) Nitrobenzene	9.13	77	192317	35.662	ng		98
25) Isophorone	9.65	82	341284	34.856	ng		99
26) 2-Nitrophenol	9.84	139	83806	37.302	ng		96
27) 2,4-Dimethylphenol	9.94	122	136354	39.752	ng		95
28) bis(2-Chloroethoxy)methane	10.14	93	183259	35.831	ng		98
29) 2,4-Dichlorophenol	10.41	162	156398	39.080	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	170339	35.954	ng		99
31) Naphthalene	10.78	128	451708	35.759	ng		98
32) Benzoic acid	10.13	122	94239	43.417	ng		99
33) 4-Chloroaniline	10.90	127	99646	18.837	ng		95
34) Hexachlorobutadiene	11.07	225	118644	35.212	ng		98
35) Caprolactam	11.68	113	51226m	39.556	ng		
36) 4-Chloro-3-methylphenol	12.07	107	176066	38.104	ng		94
37) 2-Methylnaphthalene	12.39	142	343832	36.553	ng		98
38) 1-Methylnaphthalene	12.61	142	326093	36.634	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	193209	35.320	ng		99

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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	12.75	237	223274	74.535	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	134057	36.145	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	139962	33.111	ng		99
46) 1,1'-Biphenyl	13.40	154	430406	36.187	ng		98
47) 2-Chloronaphthalene	13.45	162	340505	35.441	ng		98
48) 2-Nitroaniline	13.66	65	111636	34.931	ng		98
49) Acenaphthylene	14.29	152	544661	35.392	ng		99
50) Dimethylphthalate	14.03	163	454622	34.932	ng		100
51) 2,6-Dinitrotoluene	14.15	165	105557	36.111	ng		97
52) Acenaphthene	14.64	154	325237	34.866	ng		98
53) 3-Nitroaniline	14.49	138	73787	25.272	ng		91
54) 2,4-Dinitrophenol	14.70	184	74620	50.085	ng		95
55) Dibenzofuran	14.97	168	533787	35.225	ng		98
56) 4-Nitrophenol	14.87	139	119834	58.414	ng		97
57) 2,4-Dinitrotoluene	14.94	165	148507	35.459	ng		96
58) Fluorene	15.62	166	449983	35.711	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	124022	33.805	ng		95
60) Diethylphthalate	15.40	149	465493	34.988	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	246391	33.926	ng		98
62) 4-Nitroaniline	15.66	138	100195m	33.437	ng		
63) Azobenzene	15.91	77	450491	35.264	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	76368	32.627	ng		98
66) n-Nitrosodiphenylamine	15.83	169	389157	36.276	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	171123	34.772	ng		99
68) Hexachlorobenzene	16.63	284	185324	36.315	ng		95
69) Atrazine	16.79	200	147717	35.485	ng		96
70) Pentachlorophenol	16.99	266	150746	61.814	ng		96
71) Phenanthrene	17.36	178	699227	35.796	ng		99
72) Anthracene	17.46	178	712347	36.622	ng		100
73) Carbazole	17.73	167	628998	33.961	ng		100
74) Di-n-butylphthalate	18.29	149	766512	34.953	ng		100
75) Fluoranthene	19.38	202	827410	34.447	ng		100
77) Benzidine	19.56	184	335223	40.524	ng		99
78) Pyrene	19.74	202	809839	38.007	ng		98
80) Butylbenzylphthalate	20.63	149	332793	37.313	ng		97
81) Benzo(a)anthracene	21.56	228	746946	36.207	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	200997	25.757	ng		97
83) Chrysene	21.62	228	732428	36.706	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	441643	35.600	ng	#	98
85) Di-n-octyl phthalate	22.65	149	790354	36.934	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	863723	32.977	ng	#	94
88) Benzo(b)fluoranthene	23.72	252	835751	36.895	ng		98
89) Benzo(k)fluoranthene	23.78	252	787253	36.313	ng		97
90) Benzo(a)pyrene	24.57	252	764648	36.136	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	718689	34.218	ng	#	96
92) Benzo(g,h,i)perylene	29.37	276	776995	36.961	ng		97

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

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