Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045708.D
Acq On : 11 Jun 2020 4:43
Operator : CG/JU
Sample : PB129468BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:16 PM

Quant Time: Jun 11 06:10:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	56677	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	224173	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	153955	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	365463	20.00	ng	0.00
76) Chrysene-d12	21.60	240	343580	20.00	ng	0.00
87) Perylene-d12	24.74	264	380387	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	501897	173.06	ng	0.00
7) Phenol-d6	7.14	99	689278	166.99	ng	0.00
23) Nitrobenzene-d5	9.11	82	450753	109.65	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	323684	164.40	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1010801	111.37	ng	0.00
79) Terphenyl-d14	19.96	244	1652775	112.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	60569	42.116	ng	92
3) Pyridine	3.80	79	177148	44.228	ng	95
4) n-Nitrosodimethylamine	3.71	42	80657	61.540	ng	82
6) Aniline	7.27	93	266955	49.543	ng	96
8) 2-Chlorophenol	7.52	128	190075	59.766	ng	99
9) Benzaldehyde	7.08	77	138685	51.569	ng	97
10) Phenol	7.16	94	251439	59.104	ng	93
11) bis(2-Chloroethyl)ether	7.37	93	174536	52.598	ng	99
12) 1,3-Dichlorobenzene	7.84	146	201726	52.782	ng	99
13) 1,4-Dichlorobenzene	7.98	146	205975	54.611	ng	97
14) 1,2-Dichlorobenzene	8.30	146	195801	53.975	ng	96
15) Benzyl Alcohol	8.19	79	194612	57.073	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	164665	52.278	ng	99
17) 2-Methylphenol	8.41	107	169838	53.337	ng	98
18) Hexachloroethane	9.03	117	79614	55.114	ng	92
19) n-Nitroso-di-n-propylamine	8.75	70	157689	55.244	ng	96
20) 3+4-Methylphenols	8.74	107	228853	52.779	ng	93
22) Acetophenone	8.77	105	284000	53.452	ng	95
24) Nitrobenzene	9.15	77	248514	56.424	ng	99
25) Isophorone	9.68	82	431886	53.346	ng	100
26) 2-Nitrophenol	9.86	139	107179	56.885	ng	92
27) 2,4-Dimethylphenol	9.94	122	172175	61.613	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	238391	56.148	ng	97
29) 2,4-Dichlorophenol	10.42	162	195049	59.107	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	216658	55.563	ng	98
31) Naphthalene	10.80	128	581628	55.678	ng	100
32) Benzoic acid	10.13	122	74443	41.013	ng	96
33) 4-Chloroaniline	10.92	127	162245	37.156	ng	95
34) Hexachlorobutadiene	11.10	225	151830	55.084	ng	96
35) Caprolactam	11.70	113	65856m	54.371	ng	
36) 4-Chloro-3-methylphenol	12.06	107	222331	59.791	ng	95
37) 2-Methylnaphthalene	12.41	142	446092	57.294	ng	96
38) 1-Methylnaphthalene	12.63	142	419116m	56.985	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	245618	57.118	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	308238	124.189	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	170730	57.154	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	177160	51.899	ng		98
46) 1,1'-Biphenyl	13.42	154	551707	58.321	ng		100
47) 2-Chloronaphthalene	13.47	162	436243	56.790	ng		99
48) 2-Nitroaniline	13.67	65	147428	58.344	ng		98
49) Acenaphthylene	14.31	152	704766	57.118	ng		99
50) Dimethylphthalate	14.05	163	584622	55.356	ng		100
51) 2,6-Dinitrotoluene	14.16	165	133182	55.885	ng		97
52) Acenaphthene	14.66	154	533252m	64.563	ng		
53) 3-Nitroaniline	14.50	138	106934	44.141	ng		99
54) 2,4-Dinitrophenol	14.71	184	150415	95.235	ng		97
55) Dibenzofuran	14.99	168	689691	56.231	ng		94
56) 4-Nitrophenol	14.84	139	175161	95.501	ng		85
57) 2,4-Dinitrotoluene	14.96	165	188429	54.595	ng		95
58) Fluorene	15.64	166	581323	57.691	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	166340	55.388	ng		99
60) Diethylphthalate	15.41	149	605769	55.108	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	324466	56.271	ng		98
62) 4-Nitroaniline	15.67	138	134584	53.215	ng		93
63) Azobenzene	15.93	77	596113	58.158	ng		97
65) 4,6-Dinitro-2-methylphenol	15.73	198	119536	56.161	ng		92
66) n-Nitrosodiphenylamine	15.85	169	514092	58.588	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	224958	56.845	ng		99
68) Hexachlorobenzene	16.65	284	241529	58.353	ng		99
69) Atrazine	16.80	200	196400	54.341	ng		98
70) Pentachlorophenol	17.00	266	223370	103.933	ng		97
71) Phenanthrene	17.38	178	922363	57.812	ng		99
72) Anthracene	17.47	178	934989	58.357	ng		98
73) Carbazole	17.75	167	848318	54.318	ng		99
74) Di-n-butylphthalate	18.31	149	1020081	54.419	ng		100
75) Fluoranthene	19.39	202	1133726	55.867	ng		99
77) Benzidine	19.57	184	686398	71.132	ng		99
78) Pyrene	19.76	202	1104259	56.382	ng		99
80) Butylbenzylphthalate	20.64	149	461770	54.623	ng		99
81) Benzo(a)anthracene	21.58	228	1087926	56.841	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	341666	45.508	ng		99
83) Chrysene	21.65	228	1050983	57.108	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	655460	56.404	ng		99
85) Di-n-octyl phthalate	22.68	149	1100971	55.162	ng		99
86) Indeno(1,2,3-cd)pyrene	28.31	276	1385711	57.580	ng	#	91
88) Benzo(b)fluoranthene	23.75	252	1193414	58.499	ng		99
89) Benzo(k)fluoranthene	23.82	252	1151312	60.070	ng		99
90) Benzo(a)pyrene	24.60	252	1097361	57.757	ng		97
91) Dibenzo(a,h)anthracene	28.37	278	1142253	59.826	ng		98
92) Benzo(g,h,i)perylene	29.43	276	1133409	59.356	ng		99

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

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