Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042869.D
Acq On : 17 Sep 2019 16:13
Operator : HP/JU
Sample : PB123079BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123079BS

Manual Integrations APPROVED
mohammad
9/18/2019 2:18:34 PM

Quant Time: Sep 18 01:59:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52278	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	229436	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	181726	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	438362	20.00	ng	0.00
76) Chrysene-d12	21.75	240	322495	20.00	ng	0.00
87) Perylene-d12	25.02	264	330271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	332502	110.58	ng	0.03
7) Phenol-d6	7.31	99	483997	112.14	ng	0.04
23) Nitrobenzene-d5	9.28	82	298119	67.65	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	301646	124.76	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	782605	68.17	ng	-0.01
79) Terphenyl-d14	20.08	244	1272694	87.46	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	38882	28.333	ng	# 83
3) Pyridine	4.07	79	105254	25.474	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	78874	39.230	ng	# 77
6) Aniline	7.46	93	174309	29.934	ng	98
8) 2-Chlorophenol	7.70	128	138460	42.598	ng	95
9) Benzaldehyde	7.27	77	88284	31.433	ng	95
10) Phenol	7.34	94	190880	43.125	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	122903	36.180	ng	98
12) 1,3-Dichlorobenzene	8.01	146	147601	37.231	ng	96
13) 1,4-Dichlorobenzene	8.15	146	153322	38.629	ng	98
14) 1,2-Dichlorobenzene	8.47	146	142965	37.839	ng	97
15) Benzyl Alcohol	8.38	79	147848	39.916	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	300769	40.319	ng	98
17) 2-Methylphenol	8.58	107	131366	44.362	ng	98
18) Hexachloroethane	9.20	117	57024	38.915	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	124353	39.101	ng	96
20) 3+4-Methylphenols	8.91	107	178912	43.830	ng	96
22) Acetophenone	8.96	105	211206	36.450	ng	# 93
24) Nitrobenzene	9.33	77	188637	40.780	ng	99
25) Isophorone	9.90	82	334844	36.452	ng	99
26) 2-Nitrophenol	10.03	139	79504	43.708	ng	94
27) 2,4-Dimethylphenol	10.11	122	149024	46.315	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	186526	36.411	ng	98
29) 2,4-Dichlorophenol	10.59	162	164629	44.030	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	174691	38.267	ng	95
31) Naphthalene	10.97	128	453637	40.046	ng	100
32) Benzoic acid	10.29	122	101671	40.177	ng	88
33) 4-Chloroaniline	11.09	127	126169	23.829	ng	98
34) Hexachlorobutadiene	11.25	225	128313	40.118	ng	90
35) Caprolactam	12.02	113	52954m	38.085	ng	
36) 4-Chloro-3-methylphenol	12.22	107	178690	44.015	ng	96
37) 2-Methylnaphthalene	12.57	142	358629	42.263	ng	97
38) 1-Methylnaphthalene	12.79	142	338605	42.545	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	233732	38.922	ng	97

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Quant Time: Sep 18 01:59:46 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	346738	100.792	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	165839	41.482	ng		94
44) 2,4,5-Trichlorophenol	13.26	196	179968	43.948	ng		94
46) 1,1'-Biphenyl	13.57	154	506292	39.797	ng		98
47) 2-Chloronaphthalene	13.61	162	399310	37.943	ng		99
48) 2-Nitroaniline	13.82	65	147020	40.271	ng		96
49) Acenaphthylene	14.46	152	656809	40.840	ng		98
50) Dimethylphthalate	14.20	163	533071	39.157	ng		99
51) 2,6-Dinitrotoluene	14.30	165	121935	43.652	ng		95
52) Acenaphthene	14.80	154	388980	37.023	ng		96
53) 3-Nitroaniline	14.64	138	83598	26.666	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	150953	109.773	ng	#	72
55) Dibenzofuran	15.13	168	647009	41.430	ng		97
56) 4-Nitrophenol	14.97	139	202392	83.495	ng		95
57) 2,4-Dinitrotoluene	15.09	165	173975	46.726	ng		98
58) Fluorene	15.78	166	541730	41.856	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	188201	47.410	ng		99
60) Diethylphthalate	15.56	149	542166	39.234	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	318723	41.649	ng		97
62) 4-Nitroaniline	15.81	138	128877	38.137	ng		91
63) Azobenzene	16.06	77	536616	40.326	ng		96
65) 4,6-Dinitro-2-methylphenol	15.86	198	111938	59.679	ng		96
66) n-Nitrosodiphenylamine	15.98	169	486957	41.282	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	219479	41.366	ng		96
68) Hexachlorobenzene	16.78	284	229025	40.396	ng		99
69) Atrazine	16.95	200	191675	46.662	ng		98
70) Pentachlorophenol	17.13	266	302117	89.829	ng		92
71) Phenanthrene	17.52	178	876894	41.828	ng		98
72) Anthracene	17.61	178	881353	42.081	ng		99
73) Carbazole	17.88	167	788581	39.614	ng		98
74) Di-n-butylphthalate	18.45	149	878163	36.826	ng		100
75) Fluoranthene	19.52	202	1016947	37.429	ng		99
77) Benzidine	19.70	184	392696	43.584	ng		98
78) Pyrene	19.89	202	999445	49.501	ng		99
80) Butylbenzylphthalate	20.78	149	313983	38.425	ng		98
81) Benzo(a)anthracene	21.74	228	804660	39.243	ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	216064	27.115	ng	#	99
83) Chrysene	21.80	228	794174	40.889	ng		97
84) Bis(2-ethylhexyl)phthalate	21.65	149	394695	35.351	ng	#	96
85) Di-n-octyl phthalate	22.89	149	625816	32.880	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.76	276	867031	36.048	ng	#	91
88) Benzo(b)fluoranthene	23.99	252	774256	39.925	ng	#	98
89) Benzo(k)fluoranthene	24.06	252	771398	42.110	ng	#	99
90) Benzo(a)pyrene	24.87	252	760417	41.876	ng	#	98
91) Dibenzo(a,h)anthracene	28.83	278	732442	41.010	ng	#	96
92) Benzo(g,h,i)perylene	29.94	276	731687	42.001	ng	#	96

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

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