Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043541.D
Acq On : 7 Nov 2019 16:16
Operator : JU
Sample : PB124591BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:01 PM

Quant Time: Nov 08 12:06:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25863	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	104369	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	78977	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	188645	20.00	ng		0.00
76) Chrysene-d12	21.65	240	214701	20.00	ng		0.00
87) Perylene-d12	24.85	264	184036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	176967	125.38	ng		0.02
7) Phenol-d6	7.22	99	239597	117.99	ng		0.02
23) Nitrobenzene-d5	9.17	82	122047	60.29	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	154531	102.82	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	336526	58.88	ng		0.00
79) Terphenyl-d14	19.99	244	703592	61.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	22104	40.189	ng		95
3) Pyridine	3.87	79	50107	36.115	ng		96
4) n-Nitrosodimethylamine	3.78	42	29735	42.472	ng	#	92
6) Aniline	7.34	93	62969	26.919	ng		98
8) 2-Chlorophenol	7.59	128	70976	45.555	ng		99
9) Benzaldehyde	7.15	77	20570	20.612	ng		99
10) Phenol	7.24	94	87137	46.959	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	60164	41.936	ng		95
12) 1,3-Dichlorobenzene	7.90	146	78624	40.277	ng		97
13) 1,4-Dichlorobenzene	8.04	146	79818	40.414	ng		98
14) 1,2-Dichlorobenzene	8.36	146	76909	39.883	ng		99
15) Benzyl Alcohol	8.26	79	59797	41.929	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76519	36.681	ng		94
17) 2-Methylphenol	8.48	107	60512	44.733	ng		96
18) Hexachloroethane	9.09	117	27352	38.386	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	51006	38.871	ng		94
20) 3+4-Methylphenols	8.81	107	80493	43.394	ng		87
22) Acetophenone	8.83	105	103677	38.790	ng	#	92
24) Nitrobenzene	9.21	77	77787	40.335	ng	#	95
25) Isophorone	9.73	82	144375	39.007	ng		99
26) 2-Nitrophenol	9.93	139	40482	43.480	ng	#	91
27) 2,4-Dimethylphenol	10.01	122	67019	50.222	ng		94
28) bis(2-Chloroethoxy)methane	10.22	93	76607	37.501	ng		98
29) 2,4-Dichlorophenol	10.48	162	75178	43.969	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	83824	38.898	ng		97
31) Naphthalene	10.86	128	216647	40.894	ng		98
32) Benzoic acid	10.18	122	35843	37.594	ng		91
33) 4-Chloroaniline	10.99	127	59575	27.434	ng		97
34) Hexachlorobutadiene	11.15	225	58515	36.733	ng		91
35) Caprolactam	11.75	113	23037	39.121	ng		99
36) 4-Chloro-3-methylphenol	12.13	107	79777	42.775	ng		100
37) 2-Methylnaphthalene	12.47	142	160954	39.597	ng		97
38) 1-Methylnaphthalene	12.69	142	157530	40.731	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	107909	36.919	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	67982	44.277 ng	94
43) 2,4,6-Trichlorophenol	13.08	196	70613	41.024 ng	97
44) 2,4,5-Trichlorophenol	13.18	196	76442	43.928 ng	99
46) 1,1'-Biphenyl	13.47	154	223882	37.263 ng	97
47) 2-Chloronaphthalene	13.51	162	170694	37.339 ng	99
48) 2-Nitroaniline	13.73	65	53662	39.275 ng	96
49) Acenaphthylene	14.36	152	284340	39.965 ng	99
50) Dimethylphthalate	14.10	163	234991	38.414 ng	97
51) 2,6-Dinitrotoluene	14.21	165	53080	39.941 ng	93
52) Acenaphthene	14.70	154	164992	38.027 ng	96
53) 3-Nitroaniline	14.56	138	36269	28.267 ng	98
54) 2,4-Dinitrophenol	14.76	184	53333	65.698 ng	96
55) Dibenzofuran	15.04	168	277272	39.407 ng	98
56) 4-Nitrophenol	14.91	139	78060	90.784 ng	95
57) 2,4-Dinitrotoluene	15.01	165	76449	40.252 ng	96
58) Fluorene	15.69	166	228068	38.647 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	74149	40.105 ng	96
60) Diethylphthalate	15.45	149	233730	38.026 ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	132490	38.485 ng	99
62) 4-Nitroaniline	15.72	138	50604	38.188 ng	94
63) Azobenzene	15.97	77	193525	38.903 ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	45692	41.157 ng	93
66) n-Nitrosodiphenylamine	15.89	169	205982	38.675 ng	96
67) 4-Bromophenyl-phenylether	16.57	248	93801	36.948 ng	97
68) Hexachlorobenzene	16.69	284	105234	36.111 ng	95
69) Atrazine	16.85	200	87200	47.119 ng	96
70) Pentachlorophenol	17.05	266	96687	72.814 ng	99
71) Phenanthrene	17.43	178	374779	38.797 ng	99
72) Anthracene	17.52	178	383779	39.708 ng	97
73) Carbazole	17.80	167	354654	40.521 ng	99
74) Di-n-butylphthalate	18.34	149	418858	39.441 ng	99
75) Fluoranthene	19.44	202	509877	40.487 ng	98
77) Benzidine	19.63	184	81550	18.873 ng	96
78) Pyrene	19.80	202	523513	39.392 ng	99
80) Butylbenzylphthalate	20.68	149	193476	38.427 ng	97
81) Benzo(a)anthracene	21.63	228	526213	39.127 ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	169838	32.651 ng	98
83) Chrysene	21.70	228	511870	38.307 ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	284716	39.808 ng	100
85) Di-n-octyl phthalate	22.73	149	473774	39.044 ng	98
86) Indeno(1,2,3-cd)pyrene	28.48	276	633565	37.773 ng	99
88) Benzo(b)fluoranthene	23.83	252	536909	51.511 ng	98
89) Benzo(k)fluoranthene	23.90	252	543261	51.773 ng	97
90) Benzo(a)pyrene	24.69	252	491169	49.347 ng	98
91) Dibenzo(a,h)anthracene	28.55	278	543463	53.381 ng	99
92) Benzo(g,h,i)perylene	29.63	276	529032m	52.680 ng	

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

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