Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043048.D
Acq On : 5 Oct 2019 10:27
Operator : JU
Sample : PB123594BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123594BS

Manual Integrations APPROVED
mohammad
10/7/2019 4:38:57 PM

Quant Time: Oct 07 08:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	96171	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	356021	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	250331	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	571879	20.00	ng		0.00
76) Chrysene-d12	21.69	240	600204	20.00	ng		-0.02
87) Perylene-d12	24.91	264	607617	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	600645	111.46	ng		0.00
7) Phenol-d6	7.24	99	802977	103.47	ng		0.00
23) Nitrobenzene-d5	9.22	82	475602	64.93	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	470819	109.38	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1156671	66.98	ng		-0.01
79) Terphenyl-d14	20.03	244	1940771	68.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	77215	34.367	ng		87
3) Pyridine	3.94	79	190106	30.083	ng		89
4) n-Nitrosodimethylamine	3.86	42	117194	38.565	ng	#	80
6) Aniline	7.39	93	312269	33.335	ng		98
8) 2-Chlorophenol	7.63	128	254903	45.357	ng		97
9) Benzaldehyde	7.20	77	125961	26.562	ng		88
10) Phenol	7.27	94	313692	44.059	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	220968	40.112	ng		93
12) 1,3-Dichlorobenzene	7.95	146	285650	39.844	ng		98
13) 1,4-Dichlorobenzene	8.10	146	292774	40.966	ng		97
14) 1,2-Dichlorobenzene	8.42	146	270107	39.698	ng		97
15) Benzyl Alcohol	8.30	79	248067	42.518	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	324958	30.716	ng		95
17) 2-Methylphenol	8.51	107	212742	42.704	ng		97
18) Hexachloroethane	9.14	117	104022	38.647	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	188335	36.960	ng		92
20) 3+4-Methylphenols	8.84	107	296657	43.453	ng		98
22) Acetophenone	8.89	105	372344	40.573	ng	#	95
24) Nitrobenzene	9.27	77	288827	41.340	ng		96
25) Isophorone	9.79	82	526400	40.913	ng		98
26) 2-Nitrophenol	9.97	139	145965	49.077	ng		98
27) 2,4-Dimethylphenol	10.04	122	239796	52.499	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	300784	41.204	ng		98
29) 2,4-Dichlorophenol	10.52	162	277191	48.795	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	302187	41.193	ng		98
31) Naphthalene	10.92	128	744874	42.502	ng		98
32) Benzoic acid	10.20	122	153256	43.909	ng		98
33) 4-Chloroaniline	11.02	127	245865	32.330	ng		97
34) Hexachlorobutadiene	11.20	225	211747	38.550	ng		98
35) Caprolactam	11.81	113	85502m	42.681	ng		
36) 4-Chloro-3-methylphenol	12.15	107	287724	46.583	ng		96
37) 2-Methylnaphthalene	12.52	142	570400	42.663	ng		96
38) 1-Methylnaphthalene	12.73	142	531792	42.036	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	374570	39.796	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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	12.86	237	445169	74.231	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	245426	44.550	ng		94
44) 2,4,5-Trichlorophenol	13.20	196	262606	46.273	ng		97
46) 1,1'-Biphenyl	13.52	154	761565	40.117	ng		99
47) 2-Chloronaphthalene	13.56	162	600161	42.167	ng		98
48) 2-Nitroaniline	13.76	65	189682	40.075	ng		88
49) Acenaphthylene	14.41	152	939525	43.140	ng		99
50) Dimethylphthalate	14.14	163	761572	40.603	ng		99
51) 2,6-Dinitrotoluene	14.26	165	179619	44.969	ng		90
52) Acenaphthene	14.75	154	572235	39.255	ng		99
53) 3-Nitroaniline	14.59	138	143475	34.757	ng		92
54) 2,4-Dinitrophenol	14.79	184	210018	84.590	ng		94
55) Dibenzofuran	15.08	168	911440	42.266	ng		100
56) 4-Nitrophenol	14.91	139	282517	89.825	ng		94
57) 2,4-Dinitrotoluene	15.04	165	249859	42.716	ng		94
58) Fluorene	15.73	166	759438	41.250	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	258596	42.796	ng		100
60) Diethylphthalate	15.50	149	753609	39.480	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	448342	40.605	ng		99
62) 4-Nitroaniline	15.75	138	182142	40.458	ng		97
63) Azobenzene	16.01	77	669655	38.533	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	155822	48.152	ng		94
66) n-Nitrosodiphenylamine	15.94	169	676959	44.841	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	309947	43.182	ng		98
68) Hexachlorobenzene	16.74	284	342846	42.900	ng		97
69) Atrazine	16.88	200	258650	40.686	ng		96
70) Pentachlorophenol	17.08	266	415973	90.204	ng		99
71) Phenanthrene	17.47	178	1166510	41.781	ng		98
72) Anthracene	17.56	178	1189931	42.692	ng		98
73) Carbazole	17.83	167	1098379	42.496	ng		98
74) Di-n-butylphthalate	18.39	149	1253516	40.648	ng		100
75) Fluoranthene	19.47	202	1502355	40.683	ng		99
77) Benzidine	19.66	184	441781	29.396	ng		99
78) Pyrene	19.84	202	1501977	41.927	ng		98
80) Butylbenzylphthalate	20.72	149	589162	43.327	ng		98
81) Benzo(a)anthracene	21.68	228	1562791	41.788	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	599718	40.886	ng		97
83) Chrysene	21.74	228	1508649	41.569	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	844555	43.649	ng		99
85) Di-n-octyl phthalate	22.79	149	1424195	45.013	ng		96
86) Indeno(1,2,3-cd)pyrene	28.59	276	2025959	44.841	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	1683231	48.959	ng		98
89) Benzo(k)fluoranthene	23.96	252	1676703	49.298	ng		100
90) Benzo(a)pyrene	24.77	252	1663448	51.283	ng		99
91) Dibenzo(a,h)anthracene	28.66	278	1721506	51.757	ng		99
92) Benzo(g,h,i)perylene	29.74	276	1692677	52.523	ng		100

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

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