Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043968.D
Acq On : 8 Jan 2020 15:26
Operator : JU
Sample : PB125946BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125946BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:02 PM

Quant Time: Jan 09 06:40:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108738	20.00	ng		-0.01
21) Naphthalene-d8	10.76	136	469461	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	310258	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	665547	20.00	ng		0.00
76) Chrysene-d12	21.58	240	559850	20.00	ng		0.00
87) Perylene-d12	24.71	264	569841	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	782378	132.11	ng		0.00
7) Phenol-d6	7.12	99	1028868	124.29	ng		0.00
23) Nitrobenzene-d5	9.11	82	634505	72.30	ng		-0.01
42) 2,4,6-Tribromophenol	16.08	330	386269	118.97	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1397322	81.60	ng		-0.01
79) Terphenyl-d14	19.94	244	1964868	84.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	113603	43.995	ng		97
3) Pyridine	3.82	79	270142	35.414	ng		95
4) n-Nitrosodimethylamine	3.73	42	134077	39.478	ng		96
6) Aniline	7.28	93	350045	32.194	ng		97
8) 2-Chlorophenol	7.52	128	323727	46.563	ng		99
9) Benzaldehyde	7.09	77	192220	36.280	ng		99
10) Phenol	7.15	94	395798	46.406	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	304773	41.397	ng		99
12) 1,3-Dichlorobenzene	7.85	146	339285	41.702	ng		98
13) 1,4-Dichlorobenzene	7.99	146	337478	42.040	ng		99
14) 1,2-Dichlorobenzene	8.31	146	321479	41.723	ng		99
15) Benzyl Alcohol	8.19	79	275898	42.230	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	421174	36.977	ng		99
17) 2-Methylphenol	8.40	107	279432	45.273	ng		98
18) Hexachloroethane	9.04	117	126055	40.356	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	238547	38.695	ng		98
20) 3+4-Methylphenols	8.73	107	388231	45.089	ng		98
22) Acetophenone	8.78	105	439557	37.662	ng	#	98
24) Nitrobenzene	9.15	77	334252	38.457	ng		99
25) Isophorone	9.68	82	653982	39.722	ng		99
26) 2-Nitrophenol	9.87	139	183969	44.738	ng		95
27) 2,4-Dimethylphenol	9.93	122	309655	50.025	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	410943	37.439	ng		98
29) 2,4-Dichlorophenol	10.40	162	323638	43.832	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	316349	38.212	ng		98
31) Naphthalene	10.81	128	933599	41.095	ng		100
32) Benzoic acid	10.07	122	175147	36.474	ng		91
33) 4-Chloroaniline	10.91	127	248832	22.964	ng		97
34) Hexachlorobutadiene	11.10	225	181929	35.992	ng		96
35) Caprolactam	11.68	113	122185m	44.452	ng		
36) 4-Chloro-3-methylphenol	12.04	107	344317	43.805	ng		99
37) 2-Methylnaphthalene	12.42	142	709356	41.474	ng		96
38) 1-Methylnaphthalene	12.64	142	666468	41.115	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	330392	36.332	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	397397	84.292	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	259028	41.397	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	280655	43.489	ng		97
46) 1,1'-Biphenyl	13.42	154	887681	39.905	ng		99
47) 2-Chloronaphthalene	13.46	162	685144	38.116	ng		98
48) 2-Nitroaniline	13.66	65	218149	37.728	ng		97
49) Acenaphthylene	14.31	152	1094291	42.355	ng		98
50) Dimethylphthalate	14.05	163	901043	40.902	ng		99
51) 2,6-Dinitrotoluene	14.16	165	206045	41.381	ng		96
52) Acenaphthene	14.65	154	691347	38.157	ng		98
53) 3-Nitroaniline	14.49	138	155576	27.515	ng		99
54) 2,4-Dinitrophenol	14.69	184	204865	80.710	ng		97
55) Dibenzofuran	14.99	168	1047326	41.990	ng		98
56) 4-Nitrophenol	14.80	139	398403	91.948	ng		96
57) 2,4-Dinitrotoluene	14.94	165	285650	42.161	ng		99
58) Fluorene	15.64	166	821698	41.565	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	242152	43.636	ng		96
60) Diethylphthalate	15.41	149	911699	41.377	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	425648	39.652	ng		97
62) 4-Nitroaniline	15.65	138	210733	37.741	ng		95
63) Azobenzene	15.93	77	829596	40.599	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	160554	46.929	ng		98
66) n-Nitrosodiphenylamine	15.84	169	785391	40.072	ng		100
67) 4-Bromophenyl-phenylether	16.53	248	276877	36.989	ng		97
68) Hexachlorobenzene	16.65	284	297738	36.914	ng		98
69) Atrazine	16.80	200	300825	47.219	ng		99
70) Pentachlorophenol	16.99	266	361492	81.303	ng		99
71) Phenanthrene	17.38	178	1318912	41.315	ng		99
72) Anthracene	17.47	178	1348584	42.746	ng		99
73) Carbazole	17.74	167	1242712	42.643	ng		98
74) Di-n-butylphthalate	18.30	149	1520683	40.870	ng		98
75) Fluoranthene	19.39	202	1511416	41.399	ng		98
77) Benzidine	19.56	184	623410	44.301	ng		97
78) Pyrene	19.75	202	1512089	41.378	ng		98
80) Butylbenzylphthalate	20.64	149	705571	40.554	ng		97
81) Benzo(a)anthracene	21.57	228	1413196	40.709	ng		98
82) 3,3'-Dichlorobenzidine	21.48	252	412977	30.112	ng		99
83) Chrysene	21.63	228	1363903	41.348	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	990742	41.271	ng		98
85) Di-n-octyl phthalate	22.68	149	1708233	42.327	ng		97
86) Indeno(1,2,3-cd)pyrene	28.26	276	1704689	38.028	ng	#	94
88) Benzo(b)fluoranthene	23.73	252	1462989	43.428	ng		98
89) Benzo(k)fluoranthene	23.79	252	1444544	45.093	ng		99
90) Benzo(a)pyrene	24.56	252	1358092	42.714	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1427863	44.716	ng		100
92) Benzo(g,h,i)perylene	29.36	276	1437002	45.305	ng		98

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

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