Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043973.D
Acq On : 8 Jan 2020 18:43
Operator : JU
Sample : PB125951BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125951BS

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:06 PM

Quant Time: Jan 09 06:49:53 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	125986	20.00	ng		-0.01
21) Naphthalene-d8	10.76	136	532146	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	313470	20.00	ng		-0.01
64) Phenanthrene-d10	17.33	188	680672	20.00	ng		0.00
76) Chrysene-d12	21.58	240	629657	20.00	ng		0.00
87) Perylene-d12	24.70	264	574975	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	886162	129.15	ng		0.00
7) Phenol-d6	7.12	99	1220501	127.25	ng		0.00
23) Nitrobenzene-d5	9.11	82	706741	71.05	ng		-0.01
42) 2,4,6-Tribromophenol	16.07	330	427968	130.46	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1526742	88.24	ng		-0.01
79) Terphenyl-d14	19.94	244	1960632	71.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	107240	35.845	ng	#	96
3) Pyridine	3.82	79	291914	33.029	ng		96
4) n-Nitrosodimethylamine	3.73	42	135085	34.330	ng		99
6) Aniline	7.28	93	325601	25.846	ng		98
8) 2-Chlorophenol	7.52	128	334016	41.465	ng		98
9) Benzaldehyde	7.09	77	58210	9.483	ng		91
10) Phenol	7.15	94	410414	41.532	ng		100
11) bis(2-Chloroethyl)ether	7.38	93	315149	36.946	ng		99
12) 1,3-Dichlorobenzene	7.85	146	343678	36.459	ng		99
13) 1,4-Dichlorobenzene	7.99	146	347838	37.399	ng		98
14) 1,2-Dichlorobenzene	8.31	146	333003	37.302	ng		100
15) Benzyl Alcohol	8.19	79	287069	37.924	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	443304	33.591	ng		98
17) 2-Methylphenol	8.40	107	285811	39.967	ng		98
18) Hexachloroethane	9.04	117	130007	35.923	ng		99
19) n-Nitroso-di-n-propylamine	8.76	70	253495	35.490	ng		98
20) 3+4-Methylphenols	8.73	107	403809	40.478	ng		98
22) Acetophenone	8.78	105	469624	35.498	ng	#	98
24) Nitrobenzene	9.15	77	349950	35.520	ng		98
25) Isophorone	9.68	82	680995	36.490	ng		99
26) 2-Nitrophenol	9.87	139	189123	40.574	ng		96
27) 2,4-Dimethylphenol	9.93	122	318642	45.413	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	433348	34.830	ng		99
29) 2,4-Dichlorophenol	10.40	162	332903	39.776	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	329050	35.064	ng		100
31) Naphthalene	10.81	128	976711	37.929	ng		99
32) Benzoic acid	10.07	122	175610m	32.986	ng		
33) 4-Chloroaniline	10.91	127	226780	18.464	ng		99
34) Hexachlorobutadiene	11.10	225	189821	33.130	ng		98
35) Caprolactam	11.67	113	118776m	38.122	ng		
36) 4-Chloro-3-methylphenol	12.04	107	353741	39.702	ng		98
37) 2-Methylnaphthalene	12.41	142	738251	38.079	ng		96
38) 1-Methylnaphthalene	12.63	142	705104	38.374	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	352370	38.352	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	376768	79.098 ng	96
43) 2,4,6-Trichlorophenol	13.02	196	265484	41.994 ng	97
44) 2,4,5-Trichlorophenol	13.09	196	278584	42.725 ng	99
46) 1,1'-Biphenyl	13.42	154	928663	41.319 ng	99
47) 2-Chloronaphthalene	13.46	162	725067	39.923 ng	99
48) 2-Nitroaniline	13.66	65	224035	38.349 ng	96
49) Acenaphthylene	14.31	152	1127114	43.179 ng	99
50) Dimethylphthalate	14.05	163	909069	40.843 ng	99
51) 2,6-Dinitrotoluene	14.16	165	209194	41.583 ng	94
52) Acenaphthene	14.65	154	714731	39.044 ng	98
53) 3-Nitroaniline	14.49	138	154719	27.083 ng	96
54) 2,4-Dinitrophenol	14.69	184	200591	78.385 ng	95
55) Dibenzofuran	14.99	168	1076461	42.716 ng	98
56) 4-Nitrophenol	14.80	139	363712	83.081 ng	93
57) 2,4-Dinitrotoluene	14.94	165	295209	43.126 ng	97
58) Fluorene	15.64	166	847283	42.420 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	247000	44.054 ng	99
60) Diethylphthalate	15.41	149	926518	41.619 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	440487	40.614 ng	98
62) 4-Nitroaniline	15.65	138	210004	37.225 ng	97
63) Azobenzene	15.92	77	839829	40.678 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	156073	44.823 ng	99
66) n-Nitrosodiphenylamine	15.84	169	787164	39.270 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	279878	36.559 ng	98
68) Hexachlorobenzene	16.64	284	298376	36.171 ng	99
69) Atrazine	16.79	200	254903	39.122 ng	97
70) Pentachlorophenol	16.98	266	527299	115.959 ng	99
71) Phenanthrene	17.37	178	1311040	40.156 ng	99
72) Anthracene	17.47	178	1326727	41.118 ng	98
73) Carbazole	17.73	167	1222463	41.016 ng	98
74) Di-n-butylphthalate	18.30	149	1511095	39.710 ng	99
75) Fluoranthene	19.38	202	1476120	39.534 ng	99
77) Benzidine	19.56	184	323551	20.443 ng	98
78) Pyrene	19.75	202	1493488	36.338 ng	97
80) Butylbenzylphthalate	20.63	149	707559	36.160 ng	98
81) Benzo(a)anthracene	21.56	228	1413845	36.212 ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	354481	22.981 ng	98
83) Chrysene	21.63	228	1340863	36.143 ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	970804	35.957 ng	99
85) Di-n-octyl phthalate	22.67	149	1685573	37.135 ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1678881	33.300 ng	99
88) Benzo(b)fluoranthene	23.72	252	1473891	43.361 ng	99
89) Benzo(k)fluoranthene	23.78	252	1408599	43.578 ng	100
90) Benzo(a)pyrene	24.56	252	1417330	44.179 ng	99
91) Dibenzo(a,h)anthracene	28.31	278	1396301	43.337 ng	97
92) Benzo(g,h,i)perylene	29.35	276	1399202	43.720 ng	100

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

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