Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043928.D
Acq On : 6 Jan 2020 12:40
Operator : JU
Sample : PB125878BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125878BSD

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:32 PM

Quant Time: Jan 07 05:40:27 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	7.96	152	130871	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	609528	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	415905	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	888918	20.00	ng	0.00
76) Chrysene-d12	21.59	240	759700	20.00	ng	0.00
87) Perylene-d12	24.72	264	599935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	880176	123.49	ng	0.00
7) Phenol-d6	7.13	99	1163196	116.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	756901	66.43	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	459889	105.66	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1635558	71.25	ng	0.00
79) Terphenyl-d14	19.95	244	2265821	67.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	101601	32.693	ng	98
3) Pyridine	3.83	79	249433	27.169	ng	93
4) n-Nitrosodimethylamine	3.74	42	145525	35.603	ng	98
6) Aniline	7.28	93	296933	22.691	ng	99
8) 2-Chlorophenol	7.53	128	380235	45.441	ng	98
9) Benzaldehyde	7.09	77	243886	38.247	ng	99
10) Phenol	7.16	94	476180	46.388	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	357699	40.369	ng	99
12) 1,3-Dichlorobenzene	7.85	146	360128	36.778	ng	99
13) 1,4-Dichlorobenzene	8.00	146	370859	38.386	ng	99
14) 1,2-Dichlorobenzene	8.32	146	357454	38.546	ng	99
15) Benzyl Alcohol	8.20	79	330289	42.005	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	510901	37.268	ng	99
17) 2-Methylphenol	8.41	107	334417	45.018	ng	97
18) Hexachloroethane	9.05	117	138586	36.864	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	290029	39.089	ng	98
20) 3+4-Methylphenols	8.73	107	470353	45.388	ng	97
22) Acetophenone	8.78	105	533973	35.238	ng	98
24) Nitrobenzene	9.16	77	410743	36.398	ng	99
25) Isophorone	9.69	82	791206	37.013	ng	99
26) 2-Nitrophenol	9.87	139	215806	40.420	ng	97
27) 2,4-Dimethylphenol	9.94	122	366039	45.545	ng	95
28) bis(2-Chloroethoxy)methane	10.17	93	508680	35.694	ng	99
29) 2,4-Dichlorophenol	10.41	162	389052	40.583	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	384401	35.762	ng	99
31) Naphthalene	10.81	128	1120422	37.986	ng	100
32) Benzoic acid	10.08	122	198828	32.678	ng	88
33) 4-Chloroaniline	10.92	127	267408	19.008	ng	97
34) Hexachlorobutadiene	11.11	225	220029	33.527	ng	100
35) Caprolactam	11.68	113	146460m	41.039	ng	
36) 4-Chloro-3-methylphenol	12.05	107	423007	41.449	ng	99
37) 2-Methylnaphthalene	12.42	142	853924	38.454	ng	98
38) 1-Methylnaphthalene	12.64	142	816022	38.772	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	408406	33.503	ng	100

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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	12.78	237	316678	50.108	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	314263	37.467	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	335858	38.823	ng		99
46) 1,1'-Biphenyl	13.43	154	1074082	36.019	ng		99
47) 2-Chloronaphthalene	13.47	162	844700	35.055	ng		100
48) 2-Nitroaniline	13.67	65	280310	36.164	ng		99
49) Acenaphthylene	14.32	152	1318490	38.070	ng		99
50) Dimethylphthalate	14.05	163	1091090	36.947	ng		99
51) 2,6-Dinitrotoluene	14.16	165	251673	37.706	ng		99
52) Acenaphthene	14.66	154	853624	35.146	ng		99
53) 3-Nitroaniline	14.49	138	206444	27.237	ng		98
54) 2,4-Dinitrophenol	14.70	184	259232	76.493	ng		99
55) Dibenzofuran	15.00	168	1281871	38.339	ng		99
56) 4-Nitrophenol	14.81	139	491278	84.582	ng		96
57) 2,4-Dinitrotoluene	14.95	165	351899	38.746	ng		97
58) Fluorene	15.64	166	1011882	38.183	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	295522	39.726	ng		98
60) Diethylphthalate	15.42	149	1110509	37.598	ng		100
61) 4-Chlorophenyl-phenylether	15.64	204	532669	37.017	ng		99
62) 4-Nitroaniline	15.66	138	264650	35.357	ng		97
63) Azobenzene	15.93	77	1050975	38.368	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	193263	42.728	ng		94
66) n-Nitrosodiphenylamine	15.85	169	958562	36.618	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	344319	34.440	ng		98
68) Hexachlorobenzene	16.65	284	368189	34.178	ng		98
69) Atrazine	16.80	200	320833	37.705	ng		99
70) Pentachlorophenol	16.99	266	437060	73.598	ng		99
71) Phenanthrene	17.38	178	1589454	37.279	ng		99
72) Anthracene	17.47	178	1594729	37.846	ng		100
73) Carbazole	17.74	167	1498068	38.488	ng		99
74) Di-n-butylphthalate	18.30	149	1797301	36.166	ng		100
75) Fluoranthene	19.39	202	1787541	36.659	ng		99
77) Benzidine	19.56	184	307925	16.125	ng		98
78) Pyrene	19.75	202	1815937	36.620	ng		99
80) Butylbenzylphthalate	20.64	149	862272	36.523	ng		96
81) Benzo(a)anthracene	21.57	228	1750146	37.153	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	597734	32.118	ng		100
83) Chrysene	21.64	228	1651817	36.903	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1214844	37.293	ng		100
85) Di-n-octyl phthalate	22.68	149	2078346	37.951	ng		100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2148090	35.313	ng	#	84
88) Benzo(b)fluoranthene	23.73	252	1873046	52.811	ng		99
89) Benzo(k)fluoranthene	23.80	252	1817193	53.880	ng		99
90) Benzo(a)pyrene	24.57	252	1703092	50.878	ng		99
91) Dibenzo(a,h)anthracene	28.33	278	1807402	53.763	ng		99
92) Benzo(g,h,i)perylene	29.36	276	1747256	52.324	ng		98

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

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