Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
Data File : BG043982.D
Acq On : 9 Jan 2020 1:54
Operator : JU
Sample : L1017-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:13 PM

Quant Time: Jan 09 07:21:02 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	119641	20.00	ng		-0.01
21) Naphthalene-d8	10.75	136	482907	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	312853	20.00	ng		-0.01
64) Phenanthrene-d10	17.33	188	658848	20.00	ng		0.00
76) Chrysene-d12	21.58	240	561390	20.00	ng		0.00
87) Perylene-d12	24.70	264	642293	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	999532	153.40	ng		0.00
7) Phenol-d6	7.12	99	1353992	148.66	ng		0.00
23) Nitrobenzene-d5	9.11	82	809757	89.70	ng		-0.01
42) 2,4,6-Tribromophenol	16.08	330	510434	155.91	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1693188	98.05	ng		-0.01
79) Terphenyl-d14	19.94	244	2351319	108.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	122770	43.212	ng	#	44
3) Pyridine	3.85	79	291073	34.680	ng		96
4) n-Nitrosodimethylamine	3.75	42	165578	44.311	ng		90
6) Aniline	7.28	93	132172	11.048	ng		96
8) 2-Chlorophenol	7.52	128	391820	51.221	ng		98
9) Benzaldehyde	7.09	77	211711	36.318	ng		99
10) Phenol	7.15	94	480283	51.180	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	377518	46.604	ng		99
12) 1,3-Dichlorobenzene	7.85	146	375524	41.950	ng		99
13) 1,4-Dichlorobenzene	7.99	146	377689	42.762	ng		99
14) 1,2-Dichlorobenzene	8.31	146	365000	43.054	ng		98
15) Benzyl Alcohol	8.19	79	341387	47.492	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	508761	40.596	ng		98
17) 2-Methylphenol	8.40	107	343745	50.618	ng		99
18) Hexachloroethane	9.04	117	139791	40.675	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	296528	43.717	ng		97
20) 3+4-Methylphenols	8.73	107	473806	50.013	ng		98
22) Acetophenone	8.77	105	545318	45.422	ng	#	98
24) Nitrobenzene	9.15	77	413057	46.200	ng		100
25) Isophorone	9.68	82	813717	48.048	ng		98
26) 2-Nitrophenol	9.86	139	227854	53.867	ng		98
27) 2,4-Dimethylphenol	9.93	122	368192	57.825	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	512762	45.415	ng		98
29) 2,4-Dichlorophenol	10.40	162	395049	52.014	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	377013	44.271	ng		98
31) Naphthalene	10.81	128	1113886	47.666	ng		100
32) Benzoic acid	10.08	122	181363	36.676	ng		96
33) 4-Chloroaniline	10.92	127	23528	2.111	ng	#	95
34) Hexachlorobutadiene	11.10	225	215304	41.409	ng		98
35) Caprolactam	11.68	113	147788m	52.270	ng		
36) 4-Chloro-3-methylphenol	12.04	107	427622	52.888	ng		98
37) 2-Methylnaphthalene	12.41	142	840220	47.758	ng		98
38) 1-Methylnaphthalene	12.63	142	813778	48.804	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	399432	43.560	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	12.77	237	473470	99.595 ng	98
43) 2,4,6-Trichlorophenol	13.02	196	319070	50.570 ng	97
44) 2,4,5-Trichlorophenol	13.09	196	341909	52.541 ng	99
46) 1,1'-Biphenyl	13.42	154	1074838	47.917 ng	99
47) 2-Chloronaphthalene	13.46	162	835688	46.105 ng	99
48) 2-Nitroaniline	13.66	65	265847	45.596 ng	95
49) Acenaphthylene	14.31	152	1322941	50.781 ng	99
50) Dimethylphthalate	14.05	163	1106479	49.810 ng	99
51) 2,6-Dinitrotoluene	14.16	165	257526	51.291 ng	96
52) Acenaphthene	14.65	154	851998	46.634 ng	98
53) 3-Nitroaniline	14.49	138	56994	9.996 ng	99
54) 2,4-Dinitrophenol	14.69	184	224529	87.246 ng	97
55) Dibenzofuran	14.99	168	1263186	50.225 ng	99
56) 4-Nitrophenol	14.80	139	481454	110.194 ng	97
57) 2,4-Dinitrotoluene	14.94	165	356220	52.141 ng	99
58) Fluorene	15.64	166	999745	50.152 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	296803	53.041 ng	97
60) Diethylphthalate	15.41	149	1113315	50.108 ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	524444	48.450 ng	99
62) 4-Nitroaniline	15.65	138	244631	43.448 ng	95
63) Azobenzene	15.92	77	1023772	49.686 ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	186032	54.181 ng	97
66) n-Nitrosodiphenylamine	15.84	169	953844	49.162 ng	99
67) 4-Bromophenyl-phenylether	16.52	248	344702	46.518 ng	95
68) Hexachlorobenzene	16.64	284	370647	46.421 ng	97
69) Atrazine	16.79	200	357821	56.736 ng	98
70) Pentachlorophenol	16.98	266	432558	98.276 ng	99
71) Phenanthrene	17.37	178	1572186	49.750 ng	99
72) Anthracene	17.46	178	1620974	51.902 ng	100
73) Carbazole	17.73	167	1503945	52.131 ng	99
74) Di-n-butylphthalate	18.30	149	1813183	49.227 ng	100
75) Fluoranthene	19.38	202	1806932	49.997 ng	100
77) Benzidine	19.57	184	204805	14.514 ng	96
78) Pyrene	19.74	202	1828925	49.910 ng	99
80) Butylbenzylphthalate	20.63	149	873308	50.058 ng	98
81) Benzo(a)anthracene	21.56	228	1754821	50.411 ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	280839	20.421 ng	99
83) Chrysene	21.62	228	1674174	50.615 ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1208493	50.203 ng	99
85) Di-n-octyl phthalate	22.66	149	2087605	51.585 ng	99
86) Indeno(1,2,3-cd)pyrene	28.24	276	2193201	48.791 ng	99
88) Benzo(b)fluoranthene	23.72	252	1836274	48.360 ng	99
89) Benzo(k)fluoranthene	23.78	252	1835146	50.824 ng	99
90) Benzo(a)pyrene	24.56	252	1720763	48.015 ng	98
91) Dibenzo(a,h)anthracene	28.30	278	1791419	49.773 ng	99
92) Benzo(g,h,i)perylene	29.35	276	1822106	50.967 ng	99

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

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