Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041235.D
Acq On : 14 Jun 2019 00:36
Operator : HP/JU
Sample : K3159-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-AMS

Manual Integrations APPROVED
mohammad
6/17/2019 4:54:01 PM

Quant Time: Jun 14 09:14:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37370	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	149804	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	108815	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	277258	20.00	ng	0.00
76) Chrysene-d12	21.76	240	277435	20.00	ng	0.00
87) Perylene-d12	25.08	264	266202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	273497	131.97	ng	0.00
7) Phenol-d6	7.26	99	361349	112.90	ng	0.00
23) Nitrobenzene-d5	9.28	82	317677	94.14	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	238706	147.77	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	741825	98.18	ng	0.00
79) Terphenyl-d14	20.07	244	1327293	101.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	31843	33.861	ng	# 7
3) Pyridine	3.92	79	67774	24.356	ng	96
4) n-Nitrosodimethylamine	3.83	42	51614	39.965	ng	# 85
6) Aniline	7.43	93	31773	7.437	ng	99
8) 2-Chlorophenol	7.66	128	108287	43.828	ng	97
9) Benzaldehyde	7.24	77	27586	14.448	ng	88
10) Phenol	7.29	94	125326	36.520	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	102534	41.186	ng	99
12) 1,3-Dichlorobenzene	7.99	146	123258	41.769	ng	98
13) 1,4-Dichlorobenzene	8.14	146	124698	41.747	ng	95
14) 1,2-Dichlorobenzene	8.45	146	121716	41.968	ng	98
15) Benzyl Alcohol	8.34	79	123613	41.751	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	165596	40.706	ng	98
17) 2-Methylphenol	8.54	107	102700	41.333	ng	97
18) Hexachloroethane	9.18	117	48781	42.373	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	99937	40.574	ng	95
20) 3+4-Methylphenols	8.87	107	133280	38.724	ng	96
22) Acetophenone	8.94	105	193050	45.940	ng	98
24) Nitrobenzene	9.32	77	162300	47.196	ng	98
25) Isophorone	9.84	82	287306	44.739	ng	99
26) 2-Nitrophenol	10.04	139	68922	48.616	ng	89
27) 2,4-Dimethylphenol	10.08	122	116897	49.927	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	150408	43.395	ng	100
29) 2,4-Dichlorophenol	10.57	162	132897	44.698	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	153325	45.331	ng	96
31) Naphthalene	10.98	128	375441	46.679	ng	98
32) Benzoic acid	10.21	122	42382m	27.467	ng	
33) 4-Chloroaniline	11.10	127	10070	2.698	ng	# 94
34) Hexachlorobutadiene	11.23	225	113131	43.714	ng	93
35) Caprolactam	11.89	113	30012m	30.567	ng	
36) 4-Chloro-3-methylphenol	12.20	107	147315	43.384	ng	96
37) 2-Methylnaphthalene	12.57	142	284665	45.953	ng	99
38) 1-Methylnaphthalene	12.79	142	269493	46.166	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	210898	48.086	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	217669	91.058	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	131366	46.300	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	137346	45.900	ng		96
46) 1,1'-Biphenyl	13.57	154	386531	47.988	ng		100
47) 2-Chloronaphthalene	13.62	162	318392	46.045	ng		98
48) 2-Nitroaniline	13.83	65	114016	45.962	ng		99
49) Acenaphthylene	14.46	152	493758	47.444	ng		99
50) Dimethylphthalate	14.18	163	424785	46.116	ng		99
51) 2,6-Dinitrotoluene	14.32	165	93857	47.259	ng		98
52) Acenaphthene	14.80	154	293549	46.561	ng		98
53) 3-Nitroaniline	14.65	138	27011	13.601	ng		100
54) 2,4-Dinitrophenol	14.85	184	37394	45.919	ng	#	86
55) Dibenzofuran	15.13	168	511589	48.224	ng		99
56) 4-Nitrophenol	14.95	139	97587	71.640	ng		89
57) 2,4-Dinitrotoluene	15.10	165	131523	46.882	ng	#	96
58) Fluorene	15.78	166	400926	47.456	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	139549	47.455	ng		98
60) Diethylphthalate	15.53	149	426609	45.382	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	253050	46.081	ng		97
62) 4-Nitroaniline	15.82	138	83610	39.767	ng		94
63) Azobenzene	16.06	77	399873	46.802	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	48128	35.187	ng		97
66) n-Nitrosodiphenylamine	15.98	169	358352	45.978	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	167626	44.799	ng		99
68) Hexachlorobenzene	16.77	284	173458	43.535	ng		98
69) Atrazine	16.92	200	150751	50.127	ng		97
70) Pentachlorophenol	17.12	266	158624	74.620	ng		94
71) Phenanthrene	17.52	178	696105	48.200	ng		99
72) Anthracene	17.61	178	697516	48.970	ng		99
73) Carbazole	17.88	167	602703	49.314	ng		100
74) Di-n-butylphthalate	18.41	149	711828	46.862	ng		99
75) Fluoranthene	19.52	202	889793	49.881	ng		99
77) Benzidine	19.72	184	14441	2.182	ng		98
78) Pyrene	19.89	202	900622	49.937	ng		99
80) Butylbenzylphthalate	20.75	149	333653	47.539	ng		96
81) Benzo(a)anthracene	21.73	228	859481	46.539	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	71170	10.957	ng		98
83) Chrysene	21.80	228	850043	48.099	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	460198	46.579	ng		98
85) Di-n-octyl phthalate	22.84	149	781325	47.483	ng		100
86) Indeno(1,2,3-cd)pyrene	28.90	276	574551	26.539	ng	#	93
88) Benzo(b)fluoranthene	24.02	252	749766	46.436	ng		98
89) Benzo(k)fluoranthene	24.08	252	934920	58.514	ng		98
90) Benzo(a)pyrene	24.92	252	797968	51.801	ng		94
91) Dibenzo(a,h)anthracene	28.97	278	444431	28.873	ng		98
92) Benzo(g,h,i)perylene	30.11	276	412687	27.597	ng		96

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

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