Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043062.D
Acq On : 5 Oct 2019 19:21
Operator : JU
Sample : K5140-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219MSD

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:19 PM

Quant Time: Oct 07 09:10:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65650	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	244635	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	172562	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	395888	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	430453	20.00	ng	-0.02
87) Perylene-d12	24.91	264	500230	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	433363	117.80	ng	-0.01
7) Phenol-d6	7.24	99	631304	119.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	372295	73.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	368166	124.07	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	907761	76.26	ng	-0.02
79) Terphenyl-d14	20.03	244	1753545	86.81	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	44611	29.086	ng	# 52
3) Pyridine	3.97	79	32543	7.544	ng	93
4) n-Nitrosodimethylamine	3.85	42	71509	34.471	ng	# 96
6) Aniline	7.40	93	68846	10.766	ng	99
8) 2-Chlorophenol	7.63	128	161393	42.069	ng	98
9) Benzaldehyde	7.20	77	103254	31.897	ng	88
10) Phenol	7.26	94	231765	47.686	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	142069	37.779	ng	95
12) 1,3-Dichlorobenzene	7.95	146	170041	34.745	ng	97
13) 1,4-Dichlorobenzene	8.10	146	176126	36.101	ng	97
14) 1,2-Dichlorobenzene	8.42	146	164773	35.475	ng	94
15) Benzyl Alcohol	8.30	79	154846	38.879	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	208551	28.877	ng	95
17) 2-Methylphenol	8.51	107	140707	41.375	ng	96
18) Hexachloroethane	9.15	117	63547	34.586	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	122146	35.115	ng	96
20) 3+4-Methylphenols	8.84	107	194487	41.731	ng	95
22) Acetophenone	8.88	105	240864	38.197	ng	92
24) Nitrobenzene	9.27	77	187106	38.974	ng	97
25) Isophorone	9.78	82	349366	39.517	ng	98
26) 2-Nitrophenol	9.98	139	90995	44.525	ng	98
27) 2,4-Dimethylphenol	10.04	122	153820	49.010	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	189626	37.804	ng	96
29) 2,4-Dichlorophenol	10.52	162	175452	44.948	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	191223	37.935	ng	96
31) Naphthalene	10.92	128	481580	39.990	ng	99
32) Benzoic acid	10.18	122	101222	42.492	ng	89
33) 4-Chloroaniline	11.03	127	16319	3.123	ng	95
34) Hexachlorobutadiene	11.20	225	133389	35.341	ng	95
35) Caprolactam	11.80	113	57026m	41.427	ng	
36) 4-Chloro-3-methylphenol	12.15	107	192288	45.307	ng	94
37) 2-Methylnaphthalene	12.51	142	363223	39.537	ng	96
38) 1-Methylnaphthalene	12.73	142	347008	39.918	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	237497	36.604	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	306685	74.186	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	167424	44.087	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	177855	45.463	ng		97
46) 1,1'-Biphenyl	13.52	154	490715	37.499	ng		97
47) 2-Chloronaphthalene	13.56	162	385674	39.309	ng		99
48) 2-Nitroaniline	13.76	65	127153	38.972	ng		93
49) Acenaphthylene	14.41	152	618517	41.199	ng		100
50) Dimethylphthalate	14.14	163	615285	47.588	ng		99
51) 2,6-Dinitrotoluene	14.25	165	121328	44.065	ng		92
52) Acenaphthene	14.75	154	377556	37.572	ng		99
53) 3-Nitroaniline	14.58	138	59122	20.777	ng	#	92
54) 2,4-Dinitrophenol	14.79	184	148712	86.891	ng		92
55) Dibenzofuran	15.08	168	607624	40.876	ng		97
56) 4-Nitrophenol	14.90	139	186557	86.046	ng		96
57) 2,4-Dinitrotoluene	15.04	165	168339	41.750	ng		97
58) Fluorene	15.73	166	510139	40.197	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	175091m	42.035	ng		
60) Diethylphthalate	15.49	149	516888	39.282	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	292845	38.475	ng		97
62) 4-Nitroaniline	15.75	138	118111	38.059	ng		98
63) Azobenzene	16.01	77	453508	37.856	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	109760	48.996	ng		87
66) n-Nitrosodiphenylamine	15.93	169	466038	44.593	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	206242	41.508	ng		99
68) Hexachlorobenzene	16.73	284	228127	41.235	ng		98
69) Atrazine	16.88	200	171478	38.965	ng		97
70) Pentachlorophenol	17.08	266	298310	93.446	ng		97
71) Phenanthrene	17.47	178	816937	42.268	ng		98
72) Anthracene	17.56	178	841300	43.602	ng		99
73) Carbazole	17.83	167	773415	43.226	ng		100
74) Di-n-butylphthalate	18.38	149	877509	41.105	ng		99
75) Fluoranthene	19.47	202	1069326	41.829	ng		99
78) Pyrene	19.84	202	1087741	42.338	ng		99
80) Butylbenzylphthalate	20.72	149	415974	42.655	ng		96
81) Benzo(a)anthracene	21.67	228	1119462	41.738	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	324302	30.828	ng		99
83) Chrysene	21.74	228	1087924	41.798	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	597324	43.045	ng		98
85) Di-n-octyl phthalate	22.79	149	1010706	44.542	ng		96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1433238	44.232	ng		99
88) Benzo(b)fluoranthene	23.89	252	1202388	42.481	ng		99
89) Benzo(k)fluoranthene	23.96	252	1187813	42.421	ng		100
90) Benzo(a)pyrene	24.76	252	1183552	44.321	ng		100
91) Dibenzo(a,h)anthracene	28.65	278	1220186	44.560	ng		99
92) Benzo(g,h,i)perylene	29.73	276	1190367	44.866	ng		97

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

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