Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041236.D
Acq On : 14 Jun 2019 1:14
Operator : HP/JU
Sample : K3159-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/17/2019 4:54:04 PM

Quant Time: Jun 14 09:16:14 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	39507	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	164118	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	115560	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	291858	20.00	ng		0.00
76) Chrysene-d12	21.76	240	285573	20.00	ng		0.00
87) Perylene-d12	25.08	264	271446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	300788	137.29	ng		0.00
7) Phenol-d6	7.25	99	408833	120.83	ng		0.00
23) Nitrobenzene-d5	9.28	82	347144	93.90	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	250633	146.09	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	793442	98.88	ng		0.00
79) Terphenyl-d14	20.08	244	1368186	101.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	32561	32.751	ng	#	1
3) Pyridine	3.92	79	90013	30.598	ng		98
4) n-Nitrosodimethylamine	3.83	42	59074	43.267	ng	#	83
6) Aniline	7.43	93	30707	6.799	ng		97
8) 2-Chlorophenol	7.66	128	117512	44.989	ng		96
9) Benzaldehyde	7.24	77	32397	16.050	ng		95
10) Phenol	7.28	94	136460	37.613	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	112732	42.833	ng		97
12) 1,3-Dichlorobenzene	7.99	146	131163	42.044	ng		92
13) 1,4-Dichlorobenzene	8.14	146	136204	43.133	ng		97
14) 1,2-Dichlorobenzene	8.45	146	128533	41.921	ng		97
15) Benzyl Alcohol	8.34	79	131772	42.099	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	174089	40.479	ng		99
17) 2-Methylphenol	8.54	107	108090	41.149	ng		96
18) Hexachloroethane	9.18	117	52733	43.328	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	106066	40.733	ng		98
20) 3+4-Methylphenols	8.87	107	142431	39.144	ng		96
22) Acetophenone	8.94	105	202949	44.083	ng		97
24) Nitrobenzene	9.33	77	171223	45.448	ng		98
25) Isophorone	9.84	82	300253	42.677	ng		98
26) 2-Nitrophenol	10.03	139	75664	48.717	ng		94
27) 2,4-Dimethylphenol	10.08	122	116474	45.407	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	159193	41.924	ng		96
29) 2,4-Dichlorophenol	10.57	162	139596	42.856	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	159858	43.140	ng		94
31) Naphthalene	10.97	128	397548	45.116	ng		98
32) Benzoic acid	10.19	122	27799m	19.707	ng		
33) 4-Chloroaniline	11.10	127	8724	2.134	ng	#	84
34) Hexachlorobutadiene	11.23	225	121315	42.787	ng		97
35) Caprolactam	11.88	113	32581	30.289	ng		89
36) 4-Chloro-3-methylphenol	12.20	107	158765	42.678	ng		96
37) 2-Methylnaphthalene	12.57	142	294890	43.452	ng		98
38) 1-Methylnaphthalene	12.79	142	281346	43.993	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	220169	47.270	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	201988	80.605	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	136480	45.295	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	143771	45.243	ng		97
46) 1,1'-Biphenyl	13.57	154	400505	46.821	ng		99
47) 2-Chloronaphthalene	13.62	162	333693	45.441	ng		98
48) 2-Nitroaniline	13.83	65	118571	45.008	ng		96
49) Acenaphthylene	14.46	152	513029	46.418	ng		100
50) Dimethylphthalate	14.18	163	437594	44.734	ng		99
51) 2,6-Dinitrotoluene	14.32	165	96091	45.560	ng		97
52) Acenaphthene	14.80	154	299160	44.681	ng		95
53) 3-Nitroaniline	14.65	138	24119	11.436	ng		100
54) 2,4-Dinitrophenol	14.85	184	27477	35.654	ng		95
55) Dibenzofuran	15.13	168	531922	47.214	ng		99
56) 4-Nitrophenol	14.95	139	98173	67.864	ng		90
57) 2,4-Dinitrotoluene	15.10	165	138714	46.559	ng		92
58) Fluorene	15.78	166	415696	46.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	148094	47.422	ng		97
60) Diethylphthalate	15.53	149	444003	44.476	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	263451	45.175	ng		98
62) 4-Nitroaniline	15.82	138	88636	39.697	ng		92
63) Azobenzene	16.06	77	406775	44.831	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	36658	27.834	ng		94
66) n-Nitrosodiphenylamine	15.99	169	368327	44.893	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	169478	43.029	ng		95
68) Hexachlorobenzene	16.77	284	178892	42.653	ng		97
69) Atrazine	16.93	200	155120	49.000	ng		97
70) Pentachlorophenol	17.13	266	139621	63.092	ng		97
71) Phenanthrene	17.52	178	704355	46.332	ng		99
72) Anthracene	17.61	178	713299	47.573	ng		100
73) Carbazole	17.89	167	617307	47.983	ng		99
74) Di-n-butylphthalate	18.41	149	726967	45.464	ng		99
75) Fluoranthene	19.52	202	902869	48.082	ng		99
77) Benzidine	19.71	184	38627	5.670	ng		96
78) Pyrene	19.89	202	907422	48.880	ng		100
80) Butylbenzylphthalate	20.75	149	336603	46.593	ng		99
81) Benzo(a)anthracene	21.74	228	874939	46.026	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	67373	10.077	ng	#	97
83) Chrysene	21.81	228	852908	46.885	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	464121	45.637	ng		98
85) Di-n-octyl phthalate	22.84	149	784413	46.313	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	558301	25.054	ng	#	74
88) Benzo(b)fluoranthene	24.02	252	774668	47.052	ng		98
89) Benzo(k)fluoranthene	24.09	252	894605	54.909	ng		99
90) Benzo(a)pyrene	24.92	252	782122	49.792	ng		95
91) Dibenzo(a,h)anthracene	28.96	278	453410	28.888	ng	#	95
92) Benzo(g,h,i)perylene	30.09	276	409963	26.885	ng		98

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

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