Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039239.D
Acq On : 21 Jan 2019 18:39
Operator : JU/SJ
Sample : K1015-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMS

Manual Integrations APPROVED
Sohil
1/22/2019 10:00:20 AM

Quant Time: Jan 22 00:09:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15023	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	61895	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	44807	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	117138	20.00	ng	0.00
76) Chrysene-d12	21.67	240	122437	20.00	ng	0.00
87) Perylene-d12	24.93	264	130407	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	102046	128.86	ng	0.00
7) Phenol-d6	7.17	99	137205	120.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	96847	85.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	101225	134.77	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	279088	85.24	ng	0.00
79) Terphenyl-d14	20.00	244	540538	81.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	12407	40.006	ng	# 26
3) Pyridine	3.86	79	33838	40.155	ng	94
4) n-Nitrosodimethylamine	3.78	42	21190	55.881	ng	96
6) Aniline	7.34	93	34613	25.288	ng	98
8) 2-Chlorophenol	7.57	128	43799	46.917	ng	97
9) Benzaldehyde	7.15	77	10408	15.835	ng	96
10) Phenol	7.20	94	47998	42.006	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	37372	42.793	ng	97
12) 1,3-Dichlorobenzene	7.89	146	45126	40.345	ng	98
13) 1,4-Dichlorobenzene	8.04	146	45784	40.418	ng	97
14) 1,2-Dichlorobenzene	8.36	146	47920	44.368	ng	95
15) Benzyl Alcohol	8.25	79	45680	53.222	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	81281	48.538	ng	96
17) 2-Methylphenol	8.45	107	40926	51.582	ng	98
18) Hexachloroethane	9.09	117	16321	42.410	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	32682	43.668	ng	98
20) 3+4-Methylphenols	8.79	107	53678	47.451	ng	97
22) Acetophenone	8.84	105	68876	42.611	ng	98
24) Nitrobenzene	9.23	77	49215	43.046	ng	96
25) Isophorone	9.74	82	97528	50.055	ng	100
26) 2-Nitrophenol	9.94	139	27301	44.147	ng	93
27) 2,4-Dimethylphenol	9.99	122	46217	53.121	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	56437	48.195	ng	96
29) 2,4-Dichlorophenol	10.47	162	55173	51.046	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	55839	42.996	ng	98
31) Naphthalene	10.88	128	142294	45.838	ng	99
32) Benzoic acid	10.16	122	22755	43.603	ng	96
33) 4-Chloroaniline	11.00	127	10504	7.562	ng	99
34) Hexachlorobutadiene	11.13	225	37531	42.000	ng	95
35) Caprolactam	11.78	113	16968m	39.149	ng	
36) 4-Chloro-3-methylphenol	12.11	107	58602	50.692	ng	93
37) 2-Methylnaphthalene	12.48	142	116626	50.110	ng	97
38) 1-Methylnaphthalene	12.69	142	109239	48.899	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	74307	44.158	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	12.81	237	77220	81.372	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	50756	47.924	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	55950	49.984	ng		95
46) 1,1'-Biphenyl	13.48	154	153185	43.146	ng		99
47) 2-Chloronaphthalene	13.53	162	125082	43.536	ng		98
48) 2-Nitroaniline	13.75	65	37463	46.543	ng		97
49) Acenaphthylene	14.37	152	205286	47.537	ng		99
50) Dimethylphthalate	14.10	163	171977	45.420	ng		100
51) 2,6-Dinitrotoluene	14.24	165	38958	46.020	ng		97
52) Acenaphthene	14.72	154	117185	45.165	ng		95
53) 3-Nitroaniline	14.57	138	18317	21.330	ng		96
54) 2,4-Dinitrophenol	14.79	184	46303	90.713	ng		96
55) Dibenzofuran	15.05	168	204404	44.606	ng		98
56) 4-Nitrophenol	14.89	139	50844	82.285	ng		95
57) 2,4-Dinitrotoluene	15.03	165	55660	45.829	ng		96
58) Fluorene	15.70	166	167080	48.439	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	56369	53.347	ng		96
60) Diethylphthalate	15.46	149	180434	46.251	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	97094	44.681	ng		98
62) 4-Nitroaniline	15.74	138	37027	41.389	ng		98
63) Azobenzene	15.98	77	138112	45.271	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	36719	42.311	ng		91
66) n-Nitrosodiphenylamine	15.90	169	153493	44.202	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	65657	43.604	ng		96
68) Hexachlorobenzene	16.70	284	70139	42.688	ng		96
69) Atrazine	16.85	200	64050	43.418	ng		94
70) Pentachlorophenol	17.05	266	74466	73.835	ng		97
71) Phenanthrene	17.44	178	297526	48.054	ng		99
72) Anthracene	17.54	178	308160	50.338	ng		98
73) Carbazole	17.81	167	266187	44.047	ng		99
74) Di-n-butylphthalate	18.34	149	326829	48.614	ng		99
75) Fluoranthene	19.45	202	376306	49.026	ng		99
77) Benzidine	19.64	184	50475	13.478	ng		97
78) Pyrene	19.82	202	371199	47.573	ng		99
80) Butylbenzylphthalate	20.68	149	137038	46.177	ng		97
81) Benzo(a)anthracene	21.65	228	366103	49.119	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	68738	22.635	ng		100
83) Chrysene	21.72	228	344179	48.553	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	200400	48.633	ng		97
85) Di-n-octyl phthalate	22.73	149	348306	49.989	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	425795	50.268	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	359791	50.036	ng		99
89) Benzo(k)fluoranthene	23.96	252	363415	51.117	ng		100
90) Benzo(a)pyrene	24.78	252	357200	51.394	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	356352	51.546	ng		99
92) Benzo(g,h,i)perylene	29.85	276	352977	51.574	ng		98

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

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