Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043069.D
Acq On : 7 Oct 2019 15:58
Operator : JU
Sample : K5168-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Manual Integrations APPROVED
mohammad
10/8/2019 12:22:42 PM

Quant Time: Oct 08 02:10:04 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	48646	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	198113	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	156289	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	395048	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	430285	20.00	ng		-0.02
87) Perylene-d12	24.91	264	493030	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	328822	120.63	ng		-0.01
7) Phenol-d6	7.24	99	491542	125.22	ng		0.00
23) Nitrobenzene-d5	9.22	82	297016	72.87	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	342654	127.50	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	732043	67.90	ng		-0.02
79) Terphenyl-d14	20.03	244	1466964	72.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	37550	33.041	ng		89
3) Pyridine	3.93	79	95059	29.739	ng		87
4) n-Nitrosodimethylamine	3.85	42	59314	38.587	ng		85
6) Aniline	7.39	93	196316	41.431	ng		98
8) 2-Chlorophenol	7.63	128	145883	51.318	ng		98
9) Benzaldehyde	7.19	77	88166	36.756	ng		87
10) Phenol	7.26	94	204888	56.891	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	122894	44.103	ng		96
12) 1,3-Dichlorobenzene	7.95	146	147938	40.795	ng		96
13) 1,4-Dichlorobenzene	8.09	146	157122	43.463	ng		98
14) 1,2-Dichlorobenzene	8.42	146	149294	43.378	ng		95
15) Benzyl Alcohol	8.30	79	145549	49.318	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	187390	35.017	ng		96
17) 2-Methylphenol	8.50	107	129210	51.275	ng		97
18) Hexachloroethane	9.14	117	55507	40.770	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	114414	44.389	ng		92
20) 3+4-Methylphenols	8.83	107	178161	51.591	ng		95
22) Acetophenone	8.88	105	222456	43.561	ng	#	94
24) Nitrobenzene	9.26	77	175644	45.178	ng		98
25) Isophorone	9.79	82	331202	46.260	ng		97
26) 2-Nitrophenol	9.97	139	86033	51.982	ng		97
27) 2,4-Dimethylphenol	10.04	122	143272	56.369	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	179829	44.270	ng		97
29) 2,4-Dichlorophenol	10.51	162	168905	53.432	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	179318	43.927	ng		95
31) Naphthalene	10.91	128	455102	46.666	ng		99
32) Benzoic acid	10.19	122	92352	46.902	ng		96
33) 4-Chloroaniline	11.02	127	125357	29.623	ng		95
34) Hexachlorobutadiene	11.20	225	126138	41.268	ng		96
35) Caprolactam	11.79	113	58069m	52.091	ng		
36) 4-Chloro-3-methylphenol	12.15	107	188664	54.892	ng		97
37) 2-Methylnaphthalene	12.51	142	368225	49.494	ng		98
38) 1-Methylnaphthalene	12.73	142	343812	48.838	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	236921	40.318	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	323887	86.505	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	166704	48.468	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	178203	50.295	ng		95
46) 1,1'-Biphenyl	13.52	154	511507	43.157	ng		97
47) 2-Chloronaphthalene	13.56	162	395481	44.506	ng		99
48) 2-Nitroaniline	13.76	65	131520	44.507	ng	#	86
49) Acenaphthylene	14.40	152	655786	48.230	ng		100
50) Dimethylphthalate	14.13	163	673894	57.548	ng		98
51) 2,6-Dinitrotoluene	14.25	165	128414	51.494	ng		91
52) Acenaphthene	14.74	154	400190	43.971	ng		99
53) 3-Nitroaniline	14.59	138	93464	36.266	ng		95
54) 2,4-Dinitrophenol	14.79	184	164429	106.078	ng		92
55) Dibenzofuran	15.08	168	647950	48.127	ng		99
56) 4-Nitrophenol	14.90	139	216180	110.091	ng		96
57) 2,4-Dinitrotoluene	15.04	165	184112	50.416	ng		97
58) Fluorene	15.73	166	554876	48.274	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	187774	49.774	ng		98
60) Diethylphthalate	15.50	149	570544	47.875	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	322108	46.726	ng		99
62) 4-Nitroaniline	15.75	138	139434	49.608	ng		97
63) Azobenzene	16.01	77	487970	44.974	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	118422	52.975	ng		95
66) n-Nitrosodiphenylamine	15.93	169	505210	48.444	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	228569	46.099	ng		96
68) Hexachlorobenzene	16.73	284	256847	46.525	ng		95
69) Atrazine	16.88	200	196448	44.734	ng		95
70) Pentachlorophenol	17.08	266	330032	103.603	ng		98
71) Phenanthrene	17.46	178	941721	48.828	ng		98
72) Anthracene	17.56	178	945485	49.106	ng		99
73) Carbazole	17.83	167	858827	48.101	ng		100
74) Di-n-butylphthalate	18.38	149	1002982	47.083	ng		99
75) Fluoranthene	19.47	202	1273676	49.929	ng		99
77) Benzidine	19.65	184	582939	54.107	ng		99
78) Pyrene	19.83	202	1265786	49.287	ng		99
80) Butylbenzylphthalate	20.72	149	454310	46.604	ng		97
81) Benzo(a)anthracene	21.67	228	1253625	46.758	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	392413	37.318	ng		96
83) Chrysene	21.74	228	1219994	46.891	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	651465	46.965	ng		98
85) Di-n-octyl phthalate	22.79	149	1111742	49.014	ng		95
86) Indeno(1,2,3-cd)pyrene	28.58	276	1606464	49.598	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	1341965	48.104	ng		100
89) Benzo(k)fluoranthene	23.96	252	1336046	48.411	ng		100
90) Benzo(a)pyrene	24.76	252	1328076	50.459	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1344818	49.829	ng		99
92) Benzo(g,h,i)perylene	29.72	276	1348199	51.557	ng		96

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

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