Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041813.D
Acq On : 30 Jul 2019 22:31
Operator : HP/JU
Sample : K3622-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-072919-B

Quant Time: Jul 31 01:22:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83284	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	301391	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	201160	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	517430	20.00	ng		0.00
76) Chrysene-d12	21.73	240	687312	20.00	ng		0.00
87) Perylene-d12	25.01	264	779668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	509456	119.02	ng		0.00
7) Phenol-d6	7.19	99	591756	102.54	ng		0.00
23) Nitrobenzene-d5	9.21	82	493052	112.58	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	396640	173.59	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1247274	109.36	ng		0.00
79) Terphenyl-d14	20.06	244	2557575	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	7607	3.776	ng	#	1
3) Pyridine	3.88	79	17784	3.219	ng		90
4) n-Nitrosodimethylamine	3.78	42	7889	3.602	ng	#	75
8) 2-Chlorophenol	7.60	128	17963	3.665	ng		93
9) Benzaldehyde	7.17	77	13062	3.217	ng		95
10) Phenol	7.21	94	22066	3.675	ng		88
11) bis(2-Chloroethyl)ether	7.46	93	16214	3.285	ng		89
12) 1,3-Dichlorobenzene	7.94	146	22889	3.578	ng		96
13) 1,4-Dichlorobenzene	8.08	146	21903	3.422	ng		97
14) 1,2-Dichlorobenzene	8.40	146	20577	3.369	ng		97
15) Benzyl Alcohol	8.28	79	12333	2.716	ng		84
16) 2,2'-oxybis(1-Chloropropan	8.57	45	25206	2.870	ng		96
17) 2-Methylphenol	8.48	107	13734	3.145	ng		96
18) Hexachloroethane	9.14	117	7624	3.478	ng		99
19) n-Nitroso-di-n-propylamine	8.85	70	12317	2.940	ng	#	88
20) 3+4-Methylphenols	8.81	107	18230	3.051	ng		94
22) Acetophenone	8.87	105	28094	4.167	ng	#	92
24) Nitrobenzene	9.25	77	18948	4.107	ng	#	92
25) Isophorone	9.78	82	32467	3.408	ng		96
26) 2-Nitrophenol	9.97	139	9058	4.230	ng		93
27) 2,4-Dimethylphenol	10.02	122	13250	3.506	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	20219	3.396	ng		98
29) 2,4-Dichlorophenol	10.51	162	17439	3.789	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	20807	3.565	ng		98
31) Naphthalene	10.92	128	59420	4.308	ng		94
32) Benzoic acid	10.17	122	498	8.879	ng	#	44
34) Hexachlorobutadiene	11.22	225	14602	3.707	ng		97
35) Caprolactam	11.77	113	5616	3.511	ng	#	85
36) 4-Chloro-3-methylphenol	12.14	107	17747	3.889	ng		98
37) 2-Methylnaphthalene	12.53	142	42363	3.880	ng		98
38) 1-Methylnaphthalene	12.74	142	38986	3.768	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	26341	4.137	ng	#	97
41) Hexachlorocyclopentadiene	12.88	237	9949	2.779	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	13177	3.274	ng		96

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44) 2,4,5-Trichlorophenol	13.20	196	14088	3.369	ng		94
46) 1,1'-Biphenyl	13.53	154	53945	4.172	ng		91
47) 2-Chloronaphthalene	13.57	162	41934	3.809	ng		95
48) 2-Nitroaniline	13.77	65	10498	3.760	ng		92
49) Acenaphthylene	14.42	152	67540	4.101	ng		94
50) Dimethylphthalate	14.15	163	65980	4.803	ng		97
51) 2,6-Dinitrotoluene	14.26	165	10963	3.816	ng		92
52) Acenaphthene	14.76	154	40448	3.776	ng		99
54) 2,4-Dinitrophenol	14.82	184	416	3.586	ng		94
55) Dibenzofuran	15.10	168	68867	4.204	ng		90
56) 4-Nitrophenol	14.89	139	6679	2.863	ng		96
57) 2,4-Dinitrotoluene	15.05	165	14848	3.758	ng	#	94
58) Fluorene	15.75	166	57398	4.366	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.32	232	13037	3.147	ng	#	93
60) Diethylphthalate	15.51	149	54278	4.024	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	30092	3.749	ng		99
62) 4-Nitroaniline	15.75	138	13066	3.925	ng		95
63) Azobenzene	16.03	77	42233	3.833	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	3770	8.128	ng		93
66) n-Nitrosodiphenylamine	15.95	169	50784	3.603	ng		91
67) 4-Bromophenyl-phenylether	16.64	248	20723	3.251	ng		97
68) Hexachlorobenzene	16.76	284	21893	3.283	ng		94
71) Phenanthrene	17.49	178	106736	4.304	ng	#	92
72) Anthracene	17.59	178	103374	4.179	ng	#	90
73) Carbazole	17.85	167	107363	4.836	ng	#	88
74) Di-n-butylphthalate	18.41	149	118253	4.698	ng	#	93
75) Fluoranthene	19.50	202	158356	5.253	ng		88
77) Benzidine	20.06	184	45481	2.027	ng	#	92
78) Pyrene	19.86	202	166656	4.093	ng	#	86
80) Butylbenzylphthalate	20.75	149	59809	3.831	ng		93
81) Benzo(a)anthracene	21.78	228	165907	4.080	ng		91
83) Chrysene	21.78	228	165907	4.256	ng	#	87
84) Bis(2-ethylhexyl)phthalate	21.63	149	85315	3.961	ng	#	89
85) Di-n-octyl phthalate	22.87	149	138786	3.829	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.73	276	182819	3.543	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	166511	3.904	ng	#	91
89) Benzo(k)fluoranthene	24.03	252	165077	3.973	ng	#	93
90) Benzo(a)pyrene	24.85	252	157541	3.851	ng	#	94
91) Dibenzo(a,h)anthracene	28.80	278	151173	3.764	ng	#	92
92) Benzo(g,h,i)perylene	29.89	276	149786	3.733	ng	#	91

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

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