Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041816.D
Acq On : 31 Jul 2019 00:25
Operator : HP/JU
Sample : K4021-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-9

Quant Time: Jul 31 06:47:04 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	88791	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	326497	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	223346	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	547745	20.00	ng		0.00
76) Chrysene-d12	21.73	240	697623	20.00	ng		0.00
87) Perylene-d12	25.01	264	804113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	563487	123.47	ng		0.00
7) Phenol-d6	7.19	99	691140	112.33	ng		0.00
23) Nitrobenzene-d5	9.21	82	510485	107.60	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	422084	166.38	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1307687	103.27	ng		0.00
79) Terphenyl-d14	20.07	244	2536828	83.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	5704	2.656	ng	#	1
3) Pyridine	3.89	79	15132	2.569	ng	#	94
4) n-Nitrosodimethylamine	3.79	42	6442	2.759	ng	#	54
8) 2-Chlorophenol	7.60	128	15539	2.974	ng		96
9) Benzaldehyde	7.17	77	10674	2.466	ng		94
10) Phenol	7.22	94	18579	2.903	ng		87
11) bis(2-Chloroethyl)ether	7.46	93	13308	2.529	ng		91
12) 1,3-Dichlorobenzene	7.93	146	18066	2.649	ng		98
13) 1,4-Dichlorobenzene	7.93	146	18066	2.647	ng		97
14) 1,2-Dichlorobenzene	8.40	146	17406	2.673	ng		88
15) Benzyl Alcohol	8.28	79	9848	2.035	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	22372	2.390	ng		96
17) 2-Methylphenol	8.48	107	11613	2.495	ng		95
18) Hexachloroethane	9.14	117	6258	2.678	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	10344	2.316	ng	#	94
20) 3+4-Methylphenols	8.81	107	14989	2.353	ng		93
22) Acetophenone	8.87	105	23782	3.256	ng	#	93
24) Nitrobenzene	9.25	77	17027	3.407	ng		98
25) Isophorone	9.78	82	27849	2.698	ng		98
26) 2-Nitrophenol	9.98	139	7197	3.102	ng	#	87
27) 2,4-Dimethylphenol	10.02	122	10388	2.537	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	17407	2.699	ng		91
29) 2,4-Dichlorophenol	10.51	162	14129	2.834	ng		83
30) 1,2,4-Trichlorobenzene	10.73	180	17594	2.783	ng		100
31) Naphthalene	10.92	128	45629	3.054	ng	#	94
32) Benzoic acid	10.02	122	10388	11.634	ng	#	14
34) Hexachlorobutadiene	11.21	225	11875	2.783	ng	#	84
35) Caprolactam	11.77	113	4863	2.807	ng	#	68
36) 4-Chloro-3-methylphenol	12.15	107	13923	2.817	ng		98
37) 2-Methylnaphthalene	12.53	142	33723	2.851	ng		96
38) 1-Methylnaphthalene	12.53	142	33723	3.009	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	22286	3.152	ng	#	96
43) 2,4,6-Trichlorophenol	13.13	196	11073	2.478	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	13252	2.854	ng	#	85

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 1,1'-Biphenyl	13.53	154	46453	3.235 ng		98
47) 2-Chloronaphthalene	13.57	162	34082	2.788 ng		96
48) 2-Nitroaniline	13.77	65	8869	2.861 ng		91
49) Acenaphthylene	14.42	152	55985	3.062 ng	#	92
50) Dimethylphthalate	14.14	163	76526	5.017 ng		97
51) 2,6-Dinitrotoluene	14.26	165	8761	2.747 ng		91
52) Acenaphthene	14.77	154	31919	2.684 ng		98
54) 2,4-Dinitrophenol	14.81	184	686	3.749 ng	#	21
55) Dibenzofuran	15.10	168	56810	3.123 ng	#	87
57) 2,4-Dinitrotoluene	15.05	165	12182	2.777 ng	#	94
58) Fluorene	15.75	166	47272	3.238 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	10607	2.306 ng	#	97
60) Diethylphthalate	15.51	149	46220	3.086 ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	26169	2.937 ng		94
62) 4-Nitroaniline	15.75	138	9710	2.627 ng		93
63) Azobenzene	16.03	77	36375	2.973 ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	2929	7.789 ng		89
66) n-Nitrosodiphenylamine	15.95	169	42221	2.830 ng		97
67) 4-Bromophenyl-phenylether	16.64	248	17361	2.573 ng		96
68) Hexachlorobenzene	16.76	284	18536	2.626 ng		97
71) Phenanthrene	17.49	178	87492	3.332 ng	#	89
72) Anthracene	17.59	178	84748	3.236 ng	#	90
73) Carbazole	17.85	167	81223	3.456 ng	#	93
74) Di-n-butylphthalate	18.41	149	97255	3.650 ng	#	93
75) Fluoranthene	19.50	202	123903	3.882 ng		87
78) Pyrene	19.87	202	130182	3.150 ng	#	87
80) Butylbenzylphthalate	20.75	149	47670	3.008 ng		88
81) Benzo(a)anthracene	21.71	228	137701	3.336 ng	#	88
83) Chrysene	21.78	228	129899	3.283 ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	70315	3.217 ng		93
85) Di-n-octyl phthalate	22.87	149	112851	3.068 ng		95
86) Indeno(1,2,3-cd)pyrene	28.74	276	150099	2.866 ng	#	84
88) Benzo(b)fluoranthene	23.96	252	138607	3.151 ng	#	91
89) Benzo(k)fluoranthene	24.03	252	125385	2.926 ng	#	91
90) Benzo(a)pyrene	24.85	252	126521	2.999 ng	#	94
91) Dibenzo(a,h)anthracene	28.80	278	120617	2.912 ng		95
92) Benzo(g,h,i)perylene	29.88	276	120902	2.921 ng	#	90

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

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