Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041814.D
Acq On : 30 Jul 2019 23:09
Operator : HP/JU
Sample : K4044-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Jul 31 01:22:48 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	86355	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	321775	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	224736	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	554905	20.00	ng		0.00
76) Chrysene-d12	21.73	240	666726	20.00	ng		0.00
87) Perylene-d12	25.01	264	765952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	589697	132.86	ng		0.00
7) Phenol-d6	7.19	99	721768	120.62	ng		0.00
23) Nitrobenzene-d5	9.21	82	530723	113.50	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	431983	169.23	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1365845	107.19	ng		0.00
79) Terphenyl-d14	20.06	244	2559212	87.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	10795	5.167	ng	#	1
3) Pyridine	3.89	79	24301	4.242	ng		94
4) n-Nitrosodimethylamine	3.79	42	12072	5.316	ng	#	91
8) 2-Chlorophenol	7.60	128	24677	4.855	ng		95
9) Benzaldehyde	7.17	77	17293	4.107	ng		90
10) Phenol	7.22	94	34184	5.491	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	21668	4.234	ng		92
12) 1,3-Dichlorobenzene	7.93	146	29291	4.416	ng		96
13) 1,4-Dichlorobenzene	8.08	146	30706	4.626	ng		100
14) 1,2-Dichlorobenzene	8.40	146	28047	4.428	ng		90
15) Benzyl Alcohol	8.28	79	17646	3.748	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	36658	4.026	ng		97
17) 2-Methylphenol	8.48	107	19849	4.384	ng		98
18) Hexachloroethane	9.14	117	10686	4.701	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	16346	3.763	ng		95
20) 3+4-Methylphenols	8.81	107	26216	4.232	ng		96
22) Acetophenone	8.87	105	37609	5.225	ng	#	94
24) Nitrobenzene	9.25	77	26922	5.465	ng		90
25) Isophorone	9.78	82	44834	4.408	ng		96
26) 2-Nitrophenol	9.97	139	11873	5.193	ng		96
27) 2,4-Dimethylphenol	10.03	122	18249	4.523	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	28809	4.532	ng		96
29) 2,4-Dichlorophenol	10.51	162	24412	4.968	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	28839	4.628	ng		95
31) Naphthalene	10.92	128	84707	5.752	ng	#	94
32) Benzoic acid	10.15	122	1718	9.216	ng	#	65
34) Hexachlorobutadiene	11.22	225	19589	4.658	ng		96
35) Caprolactam	11.77	113	8612	5.043	ng	#	49
36) 4-Chloro-3-methylphenol	12.14	107	23899	4.906	ng		97
37) 2-Methylnaphthalene	12.53	142	73038	6.266	ng		97
38) 1-Methylnaphthalene	12.74	142	69019	6.248	ng		91
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	35118	4.937	ng	#	98
41) Hexachlorocyclopentadiene	12.88	237	15177	3.795	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	18605	4.138	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.20	196	21619	4.627 ng		96
46) 1,1'-Biphenyl	13.53	154	74859	5.182 ng		94
47) 2-Chloronaphthalene	13.57	162	58092	4.723 ng		95
48) 2-Nitroaniline	13.77	65	14473	4.640 ng	#	82
49) Acenaphthylene	14.42	152	97043	5.274 ng	#	93
50) Dimethylphthalate	14.14	163	142438	9.280 ng		98
51) 2,6-Dinitrotoluene	14.25	165	15355	4.784 ng		100
52) Acenaphthene	14.77	154	58556	4.893 ng		95
53) 3-Nitroaniline	14.59	138	6900	2.010 ng	#	97
54) 2,4-Dinitrophenol	14.81	184	2310	4.909 ng	#	84
55) Dibenzofuran	15.10	168	100816	5.508 ng		90
56) 4-Nitrophenol	14.89	139	11258	4.320 ng		92
57) 2,4-Dinitrotoluene	15.05	165	22138	5.016 ng	#	97
58) Fluorene	15.75	166	82599	5.623 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	17954	3.880 ng	#	95
60) Diethylphthalate	15.51	149	77505	5.143 ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	44897	5.007 ng		93
62) 4-Nitroaniline	15.75	138	17675	4.753 ng		90
63) Azobenzene	16.03	77	62565	5.083 ng		93
65) 4,6-Dinitro-2-methylphenol	15.82	198	6348	8.856 ng		92
66) n-Nitrosodiphenylamine	15.95	169	71088	4.703 ng		99
67) 4-Bromophenyl-phenylether	16.63	248	29117	4.260 ng		97
68) Hexachlorobenzene	16.76	284	31880	4.458 ng		95
71) Phenanthrene	17.49	178	153609	5.775 ng	#	92
72) Anthracene	17.59	178	143744	5.419 ng	#	90
73) Carbazole	17.85	167	139148	5.844 ng	#	89
74) Di-n-butylphthalate	18.41	149	157194	5.824 ng	#	94
75) Fluoranthene	19.50	202	206980	6.402 ng		90
77) Benzidine	20.06	184	46357	2.130 ng	#	90
78) Pyrene	19.87	202	213291	5.399 ng	#	88
80) Butylbenzylphthalate	20.75	149	75195	4.965 ng		87
81) Benzo(a)anthracene	21.71	228	215087	5.453 ng		90
83) Chrysene	21.78	228	207671	5.492 ng	#	88
84) Bis(2-ethylhexyl)phthalate	21.63	149	109597	5.246 ng		96
85) Di-n-octyl phthalate	22.87	149	180694	5.139 ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.73	276	234380	4.682 ng	#	83
88) Benzo(b)fluoranthene	23.97	252	209505	5.000 ng	#	92
89) Benzo(k)fluoranthene	24.03	252	207699	5.089 ng	#	93
90) Benzo(a)pyrene	24.85	252	200356	4.986 ng	#	94
91) Dibenzo(a,h)anthracene	28.81	278	192423	4.877 ng		95
92) Benzo(g,h,i)perylene	29.89	276	191772	4.865 ng	#	94

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

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