Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036732.D
Acq On : 15 Sep 2018 9:05
Operator : JU/SJ
Sample : J4771-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-091218MSD

Manual Integrations APPROVED
Sohil
9/17/2018 2:36:17 PM

Quant Time: Sep 17 04:09:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58464	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241161	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	165070	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	423758	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405748	20.00	ng	-0.01
86) Perylene-d12	24.89	264	424175	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	389750	105.75	ng	0.00
7) Phenol-d6	7.21	99	516238	97.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	370909	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	281373	142.85	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	827701	71.59	ng	-0.01
78) Terphenyl-d14	20.02	244	1469025	84.62	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	55813	32.449	ng	# 95
3) Pyridine	3.94	79	118016	24.444	ng	97
4) n-Nitrosodimethylamine	3.84	42	85671	39.840	ng	98
6) Aniline	7.38	93	98035	14.637	ng	97
8) 2-Chlorophenol	7.62	128	173354	43.373	ng	97
9) Benzaldehyde	7.19	77	38293	10.538	ng	94
10) Phenol	7.24	94	212356	38.456	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	173555	39.644	ng	99
12) 1,3-Dichlorobenzene	7.94	146	179716	39.379	ng	99
13) 1,4-Dichlorobenzene	8.09	146	181678	39.429	ng	98
14) 1,2-Dichlorobenzene	8.41	146	175288	39.834	ng	96
15) Benzyl Alcohol	8.29	79	177319	41.684	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	327185	37.059	ng	98
17) 2-Methylphenol	8.49	107	158909	43.338	ng	99
18) Hexachloroethane	9.13	117	66016	39.961	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	154201	39.101	ng	95
20) 3+4-Methylphenols	8.82	107	224955	43.943	ng	99
22) Acetophenone	8.87	105	279157	44.081	ng	# 99
24) Nitrobenzene	9.26	77	233450	48.707	ng	95
25) Isophorone	9.77	82	434787	49.241	ng	96
26) 2-Nitrophenol	9.96	139	100792	53.068	ng	99
27) 2,4-Dimethylphenol	10.02	122	179661	51.093	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	247700	45.709	ng	99
29) 2,4-Dichlorophenol	10.50	162	195975	50.853	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	193931	43.017	ng	100
31) Naphthalene	10.91	128	562498	46.659	ng	99
32) Benzoic acid	10.16	122	103793	40.577	ng	95
33) 4-Chloroaniline	11.01	127	24096	4.362	ng	96
34) Hexachlorobutadiene	11.19	225	131060	43.269	ng	97
35) Caprolactam	11.79	113	58547m	38.137	ng	
36) 4-Chloro-3-methylphenol	12.13	107	226280	50.533	ng	99
37) 2-Methylnaphthalene	12.51	142	443315	50.257	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	255214	43.689	ng	99
40) Hexachlorocyclopentadiene	12.85	237	302448	99.509	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	177513	49.885 ng	99
43) 2,4,5-Trichlorophenol	13.18	196	191137	50.359 ng	99
45) 1,1'-Biphenyl	13.51	154	577150	42.121 ng	99
46) 2-Chloronaphthalene	13.55	162	447467	42.777 ng	99
47) 2-Nitroaniline	13.75	65	155415	47.314 ng	95
48) Acenaphthylene	14.40	152	769354	47.061 ng	99
49) Dimethylphthalate	14.13	163	637504	47.296 ng	99
50) 2,6-Dinitrotoluene	14.25	165	141184	50.903 ng	98
51) Acenaphthene	14.74	154	459157	43.855 ng	100
52) 3-Nitroaniline	14.58	138	52891	17.696 ng	98
53) 2,4-Dinitrophenol	14.78	184	102953	97.997 ng	97
54) Dibenzofuran	15.07	168	732852	44.678 ng	99
55) 4-Nitrophenol	14.88	139	208950	85.502 ng	98
56) 2,4-Dinitrotoluene	15.03	165	199188	55.103 ng	93
57) Fluorene	15.72	166	597195	48.702 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	195025	54.690 ng	97
59) Diethylphthalate	15.49	149	622973	45.861 ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	342948	45.293 ng	99
61) 4-Nitroaniline	15.74	138	128996	41.243 ng	92
62) Azobenzene	16.01	77	607638	43.964 ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	101429	54.488 ng	93
65) n-Nitrosodiphenylamine	15.93	169	553702	43.975 ng	99
66) 4-Bromophenyl-phenylether	16.61	248	229429	46.243 ng	98
67) Hexachlorobenzene	16.73	284	232931	45.915 ng	98
68) Atrazine	16.87	200	211156	44.678 ng	98
69) Pentachlorophenol	17.07	266	278544	80.787 ng	98
70) Phenanthrene	17.47	178	1004335	46.643 ng	98
71) Anthracene	17.55	178	1010484	47.078 ng	98
72) Carbazole	17.82	167	899194	41.948 ng	99
73) Di-n-butylphthalate	18.38	149	1018587	42.672 ng	99
74) Fluoranthene	19.47	202	1182490	45.043 ng	100
76) Benzidine	19.65	184	69681m	5.383 ng	
77) Pyrene	19.83	202	1182938	47.410 ng	99
79) Butylbenzylphthalate	20.71	149	468529	47.184 ng	96
80) Benzo(a)anthracene	21.67	228	1163567	47.336 ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	186732	19.061 ng	99
82) Chrysene	21.73	228	1096418	47.058 ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	630803	45.397 ng	99
84) Di-n-octyl phthalate	22.78	149	1072536	46.211 ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1332497	49.239 ng	100
87) Benzo(b)fluoranthene	23.87	252	1156920	49.117 ng	97
88) Benzo(k)fluoranthene	23.94	252	1105977	48.062 ng	98
89) Benzo(a)pyrene	24.74	252	1117882	49.389 ng	100
90) Dibenzo(a,h)anthracene	28.61	278	1080766	49.461 ng	97
91) Benzo(g,h,i)perylene	29.68	276	1104568	50.303 ng	98

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

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