Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036923.D
Acq On : 24 Sep 2018 18:31
Operator : JU/SJ
Sample : J4770-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Manual Integrations APPROVED
Sohil
9/25/2018 10:57:26 AM

Quant Time: Sep 25 07:16:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44946	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	196667	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	132040	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	334525	20.00	ng	0.00
75) Chrysene-d12	21.69	240	339960	20.00	ng	0.00
86) Perylene-d12	24.89	264	352434	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	287859	122.83	ng	0.00
7) Phenol-d6	7.21	99	394014	108.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	299580	81.57	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	198099	125.40	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	686742	77.46	ng	0.00
78) Terphenyl-d14	20.02	244	1184297	91.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	45224	42.170	ng	# 89
3) Pyridine	3.93	79	122772	39.649	ng	97
4) n-Nitrosodimethylamine	3.84	42	73260	53.231	ng	# 91
6) Aniline	7.37	93	174518	37.092	ng	98
8) 2-Chlorophenol	7.61	128	142043	52.198	ng	93
9) Benzaldehyde	7.19	77	83326	34.777	ng	99
10) Phenol	7.23	94	174978	46.758	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	144808	41.833	ng	98
12) 1,3-Dichlorobenzene	7.93	146	150048	44.975	ng	98
13) 1,4-Dichlorobenzene	8.08	146	149429	43.768	ng	96
14) 1,2-Dichlorobenzene	8.40	146	143919	43.499	ng	97
15) Benzyl Alcohol	8.28	79	145844	49.570	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	309812	46.618	ng	99
17) 2-Methylphenol	8.48	107	131557	50.468	ng	96
18) Hexachloroethane	9.12	117	57753	45.967	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	135405	44.889	ng	99
20) 3+4-Methylphenols	8.81	107	181427	50.030	ng	99
22) Acetophenone	8.87	105	233352	50.491	ng	95
24) Nitrobenzene	9.25	77	198129	50.519	ng	99
25) Isophorone	9.77	82	388731	57.929	ng	99
26) 2-Nitrophenol	9.96	139	82555	52.810	ng	98
27) 2,4-Dimethylphenol	10.02	122	148181	60.853	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	219234	52.946	ng	98
29) 2,4-Dichlorophenol	10.50	162	156217	55.341	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	161568	45.736	ng	98
31) Naphthalene	10.90	128	484650	51.792	ng	98
32) Benzoic acid	10.13	122	10602m	10.813	ng	
33) 4-Chloroaniline	11.02	127	64483	15.156	ng	96
34) Hexachlorobutadiene	11.18	225	112586	46.086	ng	98
35) Caprolactam	11.79	113	46451m	39.981	ng	
36) 4-Chloro-3-methylphenol	12.13	107	184947	54.910	ng	96
37) 2-Methylnaphthalene	12.50	142	378997	53.179	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	217770	47.287	ng	99
40) Hexachlorocyclopentadiene	12.84	237	252245	106.498	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	137363	53.713	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	154371	56.610	ng		98
45) 1,1'-Biphenyl	13.51	154	506924	50.129	ng		97
46) 2-Chloronaphthalene	13.55	162	385775	48.510	ng		99
47) 2-Nitroaniline	13.75	65	148108	53.845	ng		98
48) Acenaphthylene	14.39	152	662876	53.193	ng		100
49) Dimethylphthalate	14.12	163	539522	50.763	ng		99
50) 2,6-Dinitrotoluene	14.25	165	119350	51.468	ng		99
51) Acenaphthene	14.74	154	379878	50.438	ng		99
52) 3-Nitroaniline	14.58	138	81773	33.465	ng		96
53) 2,4-Dinitrophenol	14.79	184	35190	36.934	ng		93
54) Dibenzofuran	15.07	168	635481	49.883	ng		100
55) 4-Nitrophenol	14.89	139	153422	98.282	ng		96
56) 2,4-Dinitrotoluene	15.03	165	168243	51.995	ng		93
57) Fluorene	15.72	166	511267	53.694	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	158144	57.168	ng		97
59) Diethylphthalate	15.49	149	541994	50.560	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	289704	48.043	ng		99
61) 4-Nitroaniline	15.75	138	129952	50.559	ng		95
62) Azobenzene	16.00	77	552700	53.660	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	49614	28.368	ng		95
65) n-Nitrosodiphenylamine	15.92	169	471616	51.067	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	189528	49.810	ng		97
67) Hexachlorobenzene	16.72	284	190692	48.659	ng		99
68) Atrazine	16.87	200	201795	53.964	ng		98
69) Pentachlorophenol	17.07	266	177006	71.739	ng		98
70) Phenanthrene	17.46	178	868627	53.883	ng		97
71) Anthracene	17.55	178	887834	55.698	ng		98
72) Carbazole	17.82	167	784538	50.479	ng		98
73) Di-n-butylphthalate	18.37	149	908556	52.640	ng		99
74) Fluoranthene	19.46	202	1063049	54.783	ng		99
76) Benzidine	19.65	184	293182	28.528	ng		96
77) Pyrene	19.82	202	1038755	50.918	ng		100
79) Butylbenzylphthalate	20.70	149	425424	52.318	ng		97
80) Benzo(a)anthracene	21.66	228	1045497	52.683	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	247523	32.768	ng		99
82) Chrysene	21.73	228	969324	50.553	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	582453	51.275	ng		99
84) Di-n-octyl phthalate	22.77	149	989378	52.899	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1206500	58.596	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	1043368	55.551	ng		97
88) Benzo(k)fluoranthene	23.94	252	1007670	53.476	ng		98
89) Benzo(a)pyrene	24.74	252	1024244	56.407	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	967397	56.846	ng		97
91) Benzo(g,h,i)perylene	29.69	276	999620	58.528	ng		97

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

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