Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036634.D
Acq On : 10 Sep 2018 20:58
Operator : JU/SJ
Sample : J4769-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-090718-CMSD

Quant Time: Sep 11 01:55:42 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	8.06	152	56251	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	233633	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152476	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	408592	20.00	ng	0.00
75) Chrysene-d12	21.69	240	410951	20.00	ng	0.00
86) Perylene-d12	24.90	264	419765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	414458	116.88	ng	0.00
7) Phenol-d6	7.21	99	538679	106.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	380738	88.42	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	261480	143.72	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	854624	80.03	ng	0.00
78) Terphenyl-d14	20.03	244	1484640	84.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	61490	37.156	ng	# 91
3) Pyridine	3.94	79	167614	36.083	ng	96
4) n-Nitrosodimethylamine	3.85	42	88478	42.764	ng	93
6) Aniline	7.38	93	171144	26.557	ng	97
8) 2-Chlorophenol	7.62	128	182969	47.580	ng	98
9) Benzaldehyde	7.19	77	95458	27.303	ng	97
10) Phenol	7.24	94	222079	41.799	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	182905	43.423	ng	96
12) 1,3-Dichlorobenzene	7.95	146	188702	42.975	ng	100
13) 1,4-Dichlorobenzene	8.09	146	192513	43.425	ng	98
14) 1,2-Dichlorobenzene	8.41	146	185987	43.929	ng	96
15) Benzyl Alcohol	8.29	79	183783	44.903	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	331445	39.018	ng	98
17) 2-Methylphenol	8.49	107	164296	46.570	ng	98
18) Hexachloroethane	9.14	117	70221	44.179	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	155077	40.870	ng	95
20) 3+4-Methylphenols	8.82	107	225880	45.860	ng	99
22) Acetophenone	8.87	105	287463	46.856	ng	97
24) Nitrobenzene	9.26	77	230780	49.701	ng	95
25) Isophorone	9.78	82	430084	50.278	ng	98
26) 2-Nitrophenol	9.97	139	101365	55.089	ng	97
27) 2,4-Dimethylphenol	10.03	122	183678	53.919	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	252241	48.046	ng	97
29) 2,4-Dichlorophenol	10.50	162	197395	52.872	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	207965	47.616	ng	99
31) Naphthalene	10.91	128	632610	54.166	ng	100
32) Benzoic acid	10.14	122	65186	27.881	ng	98
33) 4-Chloroaniline	11.01	127	58433	10.918	ng	96
34) Hexachlorobutadiene	11.20	225	138231	47.106	ng	98
35) Caprolactam	11.79	113	60444	40.641	ng	92
36) 4-Chloro-3-methylphenol	12.13	107	225004	51.867	ng	99
37) 2-Methylnaphthalene	12.51	142	450095	52.670	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	260981	48.366	ng	99
40) Hexachlorocyclopentadiene	12.86	237	289664	103.174	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	173346	52.738	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	188663	53.813	ng		98
45) 1,1'-Biphenyl	13.52	154	573939	45.347	ng		99
46) 2-Chloronaphthalene	13.56	162	451883	46.768	ng		99
47) 2-Nitroaniline	13.76	65	163470	53.877	ng		99
48) Acenaphthylene	14.40	152	755178	50.009	ng		99
49) Dimethylphthalate	14.13	163	606694	48.728	ng		99
50) 2,6-Dinitrotoluene	14.25	165	135785	53.000	ng		94
51) Acenaphthene	14.74	154	469818	48.579	ng		98
52) 3-Nitroaniline	14.58	138	96677	35.017	ng		99
53) 2,4-Dinitrophenol	14.79	184	43544	44.871	ng		91
54) Dibenzofuran	15.08	168	740260	48.857	ng		99
55) 4-Nitrophenol	14.89	139	183528	81.302	ng		96
56) 2,4-Dinitrotoluene	15.04	165	196310	58.793	ng	#	90
57) Fluorene	15.73	166	597499	52.752	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	190444	57.817	ng	#	94
59) Diethylphthalate	15.50	149	609635	48.586	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	342800	49.013	ng		97
61) 4-Nitroaniline	15.74	138	149425	51.721	ng		96
62) Azobenzene	16.01	77	597108	46.771	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	57077	31.800	ng		98
65) n-Nitrosodiphenylamine	15.93	169	553271	45.572	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	227834	47.626	ng		97
67) Hexachlorobenzene	16.73	284	231863	47.400	ng		95
68) Atrazine	16.88	200	242871	53.296	ng		99
69) Pentachlorophenol	17.07	266	214618	64.556	ng		96
70) Phenanthrene	17.46	178	1024263	49.334	ng		98
71) Anthracene	17.56	178	1036040	50.060	ng		98
72) Carbazole	17.82	167	913777	44.211	ng		99
73) Di-n-butylphthalate	18.38	149	1047565	45.515	ng		99
74) Fluoranthene	19.47	202	1251289	49.433	ng		99
76) Benzidine	19.64	184	222866	16.998	ng		97
77) Pyrene	19.83	202	1236190	48.917	ng		98
79) Butylbenzylphthalate	20.71	149	488873	48.610	ng		94
80) Benzo(a)anthracene	21.67	228	1230620	49.430	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	273708	27.586	ng		99
82) Chrysene	21.74	228	1140427	48.327	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	657177	46.696	ng		98
84) Di-n-octyl phthalate	22.79	149	1099066	46.755	ng		98
85) Indeno(1,2,3-cd)pyrene	28.55	276	1150841	41.988	ng		97
87) Benzo(b)fluoranthene	23.88	252	1214866	52.119	ng		97
88) Benzo(k)fluoranthene	23.95	252	1168796	51.325	ng		97
89) Benzo(a)pyrene	24.75	252	1171839	52.317	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	942483	43.585	ng		97
91) Benzo(g,h,i)perylene	29.69	276	967787	44.537	ng		97

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

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