Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036992.D
Acq On : 26 Sep 2018 21:46
Operator : JU/SJ
Sample : J5081-20MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-DMSD

Manual Integrations APPROVED
Sohil
9/28/2018 4:41:51 PM

Quant Time: Sep 27 08:40:18 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	41007	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	170698	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	111339	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	293841	20.00	ng		0.00
75) Chrysene-d12	21.68	240	302235	20.00	ng		0.00
86) Perylene-d12	24.89	264	307352	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	205351	96.04	ng		0.00
7) Phenol-d6	7.20	99	291518	88.12	ng		-0.01
23) Nitrobenzene-d5	9.20	82	189091	59.32	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	118193	88.73	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	379274	50.74	ng		-0.01
78) Terphenyl-d14	20.02	244	644865	56.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	26551	27.136	ng		96
3) Pyridine	3.92	79	68503	24.248	ng		97
4) n-Nitrosodimethylamine	3.84	42	41210	32.820	ng	#	91
6) Aniline	7.37	93	92839	21.627	ng		97
8) 2-Chlorophenol	7.61	128	74577	30.038	ng		86
9) Benzaldehyde	7.18	77	47780	21.857	ng		94
10) Phenol	7.23	94	105322	30.848	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	79778	25.260	ng		94
12) 1,3-Dichlorobenzene	7.93	146	79507	26.121	ng		99
13) 1,4-Dichlorobenzene	8.08	146	84079	26.992	ng		99
14) 1,2-Dichlorobenzene	8.40	146	78518	26.011	ng		94
15) Benzyl Alcohol	8.28	79	66519	24.780	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	158227	26.096	ng		98
17) 2-Methylphenol	8.48	107	64723	27.214	ng		96
18) Hexachloroethane	9.12	117	31710	27.663	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	64102	23.292	ng		100
20) 3+4-Methylphenols	8.81	107	91482	27.650	ng		98
22) Acetophenone	8.86	105	115126	28.700	ng		96
24) Nitrobenzene	9.25	77	94964	27.898	ng		99
25) Isophorone	9.76	82	180818	31.045	ng		99
26) 2-Nitrophenol	9.96	139	40056	29.522	ng		99
27) 2,4-Dimethylphenol	10.02	122	67528	31.950	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	101011	28.106	ng		99
29) 2,4-Dichlorophenol	10.50	162	77088	31.463	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	82992	27.067	ng		100
31) Naphthalene	10.90	128	244375	30.088	ng		99
32) Benzoic acid	10.12	122	21744m	17.619	ng		
33) 4-Chloroaniline	11.01	127	76601	20.743	ng		97
34) Hexachlorobutadiene	11.18	225	57094	26.926	ng		93
35) Caprolactam	11.77	113	29788	29.539	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	91319	31.237	ng		98
37) 2-Methylnaphthalene	12.50	142	184206	29.779	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	106164	27.339	ng		99
40) Hexachlorocyclopentadiene	12.84	237	104801	52.474	ng		95

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	65319	30.291	ng		93
43) 2,4,5-Trichlorophenol	13.18	196	76095	33.093	ng		97
45) 1,1'-Biphenyl	13.50	154	241307	28.299	ng		96
46) 2-Chloronaphthalene	13.55	162	182447	27.208	ng		99
47) 2-Nitroaniline	13.75	65	72313	31.177	ng		95
48) Acenaphthylene	14.39	152	315834	30.057	ng		97
49) Dimethylphthalate	14.12	163	401479	44.798	ng		98
50) 2,6-Dinitrotoluene	14.24	165	56276	28.780	ng		97
51) Acenaphthene	14.73	154	181660	28.604	ng		98
52) 3-Nitroaniline	14.57	138	49172	23.865	ng		98
53) 2,4-Dinitrophenol	14.79	184	18951	26.353	ng	#	84
54) Dibenzofuran	15.07	168	305801	28.467	ng		99
55) 4-Nitrophenol	14.88	139	80191	60.921	ng		94
56) 2,4-Dinitrotoluene	15.03	165	81233	29.772	ng		94
57) Fluorene	15.71	166	245534	30.581	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	77227	33.108	ng	#	98
59) Diethylphthalate	15.48	149	262247	29.012	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	136486	26.842	ng		99
61) 4-Nitroaniline	15.74	138	62723	28.940	ng		98
62) Azobenzene	16.00	77	261630	30.123	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	30525	19.870	ng		98
65) n-Nitrosodiphenylamine	15.92	169	225560	27.805	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	90233	26.997	ng		97
67) Hexachlorobenzene	16.72	284	90362	26.250	ng		97
68) Atrazine	16.87	200	95555	29.091	ng		99
69) Pentachlorophenol	17.07	266	90433	41.726	ng		96
70) Phenanthrene	17.45	178	423096	29.880	ng		99
71) Anthracene	17.55	178	438815	31.340	ng		98
72) Carbazole	17.82	167	383395	28.084	ng		98
73) Di-n-butylphthalate	18.37	149	445662	29.396	ng		98
74) Fluoranthene	19.46	202	531877	31.205	ng		97
76) Benzidine	19.65	184	266928	29.216	ng		98
77) Pyrene	19.82	202	524359	28.912	ng		99
79) Butylbenzylphthalate	20.70	149	210701	29.146	ng		98
80) Benzo(a)anthracene	21.66	228	524283	29.716	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	148794	22.157	ng		99
82) Chrysene	21.73	228	490817	28.793	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	289794	28.696	ng		99
84) Di-n-octyl phthalate	22.77	149	487509	29.319	ng		99
85) Indeno(1,2,3-cd)pyrene	28.52	276	563334	30.774	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	493514	30.130	ng		97
88) Benzo(k)fluoranthene	23.93	252	497253	30.259	ng		99
89) Benzo(a)pyrene	24.73	252	485601	30.666	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	458437	30.890	ng		99
91) Benzo(g,h,i)perylene	29.67	276	467602	31.394	ng		96

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

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