Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033681.D
Acq On : 9 Apr 2018 15:23
Operator : SJ/JU
Sample : J2227-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1MSD

Quant Time: Apr 10 05:56:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-8.86
21) Naphthalene-d8	11.42	136	142	20.00	ng		-0.32
38) Acenaphthene-d10	14.90	164	55477	20.00	ng		-0.58
63) Phenanthrene-d10	17.50	188	1925	20.00	ng		-0.71
75) Chrysene-d12	21.46	240	331	20.00	ng		-1.10
86) Perylene-d12	24.94	264	59	20.00	ng		-1.38
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	378559	0.00	ng		0.00
7) Phenol-d6	7.97	99	579212	0.00	ng		0.00
23) Nitrobenzene-d5	10.06	82	363491	117607.43	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
78) Terphenyl-d14	19.91	244	66	4.26	ng		-0.82
Target Compounds							Qvalue
22) Acetophenone	9.70	105	220857	56770.948	ng	#	97
24) Nitrobenzene	10.10	77	187058	56543.986	ng		96
25) Isophorone	10.62	82	354914	59166.005	ng		98
26) 2-Nitrophenol	10.62	139	6368	5084.376	ng	#	63
27) 2,4-Dimethylphenol	10.86	122	130342	71637.670	ng		87
28) bis(2-Chloroethoxy)methane	11.10	93	176353	58922.002	ng		97
29) 2,4-Dichlorophenol	11.37	162	137705	61542.028	ng		93
30) 1,2,4-Trichlorobenzene	11.59	180	151500	52112.886	ng		98
31) Naphthalene	11.79	128	413004	56126.303	ng		98
32) Benzoic acid	10.86	122	130342	77062.507	ng	#	14
33) 4-Chloroaniline	11.37	127	2279	691.284	ng	#	76
34) Hexachlorobutadiene	12.05	225	107762	49017.102	ng		98
35) Caprolactam	12.62	113	44047	50247.495	ng	#	86
36) 4-Chloro-3-methylphenol	12.96	107	175346	60083.321	ng		97
37) 2-Methylnaphthalene	13.34	142	302372	52941.608	ng		92
43) 2,4,5-Trichlorophenol	13.92	196	121560	88.085	ng	#	92
46) 2-Chloronaphthalene	13.93	162	11838	3.602	ng	#	61
48) Acenaphthylene	14.32	152	124723	22.737	ng	#	1
49) Dimethylphthalate	14.37	163	39514	8.184	ng	#	1
50) 2,6-Dinitrotoluene	14.37	165	11745	11.897	ng	#	1
52) 3-Nitroaniline	14.67	138	4517	4.364	ng	#	37
53) 2,4-Dinitrophenol	15.47	184	77	7.779	ng	#	1
54) Dibenzofuran	15.14	168	43539	8.335	ng	#	55
55) 4-Nitrophenol	15.37	139	4757	6.536	ng	#	1
56) 2,4-Dinitrotoluene	15.03	165	100435	69.097	ng	#	81
61) 4-Nitroaniline	15.87	138	10857	10.359	ng	#	20
62) Azobenzene	16.24	77	25917	5.707	ng	#	1
64) 4,6-Dinitro-2-methylphenol	16.01	198	7234	628.176	ng	#	37
65) n-Nitrosodiphenylamine	16.08	169	11949	217.428	ng	#	1
66) 4-Bromophenyl-phenylether	16.95	248	18260	807.701	ng	#	1
68) Atrazine	16.95	200	60	2.694	ng	#	1
70) Phenanthrene	17.50	178	1945	19.401	ng	#	1
71) Anthracene	17.62	178	584	5.753	ng	#	1
72) Carbazole	17.85	167	80426	894.099	ng	#	68

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
73) Di-n-butylphthalate	18.34	149	7437	71.031 ng	#	1
76) Benzidine	19.49	184	187	20.833 ng	#	1
77) Pyrene	19.57	202	112	5.073 ng	#	57
79) Butylbenzylphthalate	20.34	149	264	32.407 ng	#	9
80) Benzo(a)anthracene	21.44	228	57	2.704 ng	#	50
81) 3,3'-Dichlorobenzidine	21.23	252	79	10.533 ng	#	26
82) Chrysene	21.53	228	54	2.647 ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.41	149	377959	33656.412 ng	#	51
84) Di-n-octyl phthalate	22.35	149	532685	30980.257 ng	#	71
85) Indeno(1,2,3-cd)pyrene	29.63	276	82	3.717 ng	#	34
87) Benzo(b)fluoranthene	23.83	252	113	33.150 ng	#	59
88) Benzo(k)fluoranthene	23.90	252	65	18.854 ng	#	60
89) Benzo(a)pyrene	25.10	252	905297	276554.147 ng	#	97
90) Dibenzo(a,h)anthracene	29.18	278	62	20.107 ng	#	1
91) Benzo(g,h,i)perylene	30.69	276	1026171	336075.553 ng	#	93

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

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