Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032584.D
Acq On : 7 Feb 2018 4:56
Operator : SJ/JU
Sample : J1455-04
Misc : MDL-W-8 ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-01-OW

Quant Time: Feb 07 07:16:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	18380	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	73341	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	54895	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	122536	20.00	ng	0.00
75) Chrysene-d12	22.40	240	150239	20.00	ng	0.00
86) Perylene-d12	26.07	264	170700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	52000	56.83	ng	0.00
7) Phenol-d6	7.82	99	38767	31.75	ng	0.00
23) Nitrobenzene-d5	9.90	82	125746	107.09	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	178722	171.04	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	391910	84.85	ng	0.00
78) Terphenyl-d14	20.61	244	687377	98.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.91	88	57	0.185	ng	# 11
4) n-Nitrosodimethylamine	3.90	42	53	0.122	ng	# 1
10) Phenol	7.86	94	520	0.448	ng	# 36
14) 1,2-Dichlorobenzene	9.45	146	54	0.038	ng	# 25
15) Benzyl Alcohol	8.98	79	67	0.067	ng	# 18
20) 3+4-Methylphenols	9.83	107	73	0.055	ng	# 1
22) Acetophenone	9.53	105	491	0.286	ng	# 50
24) Nitrobenzene	9.91	77	958	0.844	ng	# 26
25) Isophorone	10.44	82	218	0.109	ng	# 69
26) 2-Nitrophenol	10.76	139	55	0.080	ng	# 29
28) bis(2-Chloroethoxy)methane	11.29	93	58	0.053	ng	# 1
29) 2,4-Dichlorophenol	11.70	162	93	0.071	ng	# 23
30) 1,2,4-Trichlorobenzene	10.99	180	54	0.031	ng	# 12
31) Naphthalene	11.63	128	898	0.251	ng	# 1
33) 4-Chloroaniline	11.68	127	860	0.538	ng	# 1
36) 4-Chloro-3-methylphenol	12.82	107	65	0.053	ng	# 22
37) 2-Methylnaphthalene	13.09	142	101	0.034	ng	# 11
45) 1,1'-Biphenyl	14.19	154	1123	0.242	ng	# 43
46) 2-Chloronaphthalene	14.25	162	115	0.032	ng	# 1
47) 2-Nitroaniline	14.42	65	251	0.312	ng	# 9
48) Acenaphthylene	15.09	152	118	0.021	ng	# 1
49) Dimethylphthalate	14.76	163	9992	1.974	ng	# 91
50) 2,6-Dinitrotoluene	15.13	165	345	0.325	ng	# 1
51) Acenaphthene	15.40	154	1600	0.420	ng	95
52) 3-Nitroaniline	15.23	138	298	0.321	ng	# 1
54) Dibenzofuran	15.74	168	2131	0.378	ng	# 83
55) 4-Nitrophenol	15.53	139	256	0.369	ng	# 1
56) 2,4-Dinitrotoluene	15.68	165	279	0.184	ng	# 70
57) Fluorene	16.37	166	504	0.108	ng	# 87
59) Diethylphthalate	16.11	149	2281	0.463	ng	# 81
60) 4-Chlorophenyl-phenylether	16.32	204	427	0.144	ng	# 28
61) 4-Nitroaniline	16.39	138	80	0.080	ng	# 11
62) Azobenzene	16.63	77	765	0.260	ng	# 36
64) 4,6-Dinitro-2-methylphenol	16.43	198	58	0.063	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) n-Nitrosodiphenylamine	16.57	169	177	0.048	ng	#	72
67) Hexachlorobenzene	17.87	284	56	0.028	ng	#	1
68) Atrazine	17.47	200	127	0.081	ng	#	1
69) Pentachlorophenol	17.53	266	67	0.053	ng	#	19
70) Phenanthrene	18.12	178	966	0.141	ng	#	38
71) Anthracene	18.20	178	486	0.071	ng	#	1
72) Carbazole	18.47	167	2572	0.428	ng	#	47
73) Di-n-butylphthalate	18.98	149	1903	0.286	ng	#	68
74) Fluoranthene	20.05	202	148	0.017	ng		65
76) Benzidine	20.38	184	436	0.148	ng	#	1
77) Pyrene	20.43	202	211	0.023	ng	#	1
79) Butylbenzylphthalate	21.29	149	80	0.028	ng	#	1
80) Benzo(a)anthracene	22.39	228	62	0.007	ng	#	50
81) 3,3'-Dichlorobenzidine	22.25	252	82	0.023	ng	#	26
82) Chrysene	22.41	228	236	0.026	ng	#	32
83) Bis(2-ethylhexyl)phthalate	22.21	149	1050	0.255	ng	#	94
84) Di-n-octyl phthalate	23.56	149	138	0.021	ng	#	1
85) Indeno(1,2,3-cd)pyrene	30.59	276	58	0.005	ng	#	53
87) Benzo(b)fluoranthene	24.46	252	54	0.005	ng	#	59
88) Benzo(k)fluoranthene	24.46	252	54	0.005	ng	#	60
89) Benzo(a)pyrene	26.01	252	131	0.013	ng	#	59
90) Dibenzo(a,h)anthracene	30.20	278	53	0.005	ng	#	58

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

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