Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035771.D
Acq On : 20 Jul 2018 5:13
Operator : JU/SJ
Sample : J4054-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 161-TP-1

Quant Time: Jul 20 06:45:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46708	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	158844	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103729	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	287689	20.00	ng	0.00
75) Chrysene-d12	21.66	240	345068	20.00	ng	-0.01
86) Perylene-d12	24.86	264	320136	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362115	128.71	ng	0.00
7) Phenol-d6	7.20	99	437039	104.12	ng	0.00
23) Nitrobenzene-d5	9.19	82	362755	95.40	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	222132	162.47	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	805790	104.07	ng	0.00
78) Terphenyl-d14	20.00	244	1687644	107.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	215	0.150	ng	# 1
3) Pyridine	3.50	79	116	0.031	ng	# 8
4) n-Nitrosodimethylamine	3.83	42	349	0.217	ng	# 1
6) Aniline	7.56	93	614	0.113	ng	# 1
8) 2-Chlorophenol	7.60	128	66	0.023	ng	# 1
9) Benzaldehyde	7.16	77	57	0.022	ng	# 5
10) Phenol	7.20	94	178	0.042	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	614	0.185	ng	# 1
12) 1,3-Dichlorobenzene	8.02	146	55	0.016	ng	# 1
13) 1,4-Dichlorobenzene	8.02	146	55	0.016	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	252	0.075	ng	# 1
15) Benzyl Alcohol	8.35	79	7189	1.886	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.57	45	254	0.091	ng	75
17) 2-Methylphenol	8.40	107	71	0.025	ng	# 13
18) Hexachloroethane	8.90	117	116	0.086	ng	# 1
20) 3+4-Methylphenols	8.76	107	88	0.022	ng	# 24
22) Acetophenone	8.85	105	348	0.070	ng	# 71
24) Nitrobenzene	9.18	77	1542	0.403	ng	# 43
25) Isophorone	9.76	82	477	0.068	ng	# 69
27) 2,4-Dimethylphenol	9.68	122	55	0.024	ng	# 1
28) bis(2-Chloroethoxy)methane	10.35	93	58	0.015	ng	# 51
29) 2,4-Dichlorophenol	10.48	162	69	0.026	ng	# 23
31) Naphthalene	10.89	128	2582	0.312	ng	# 81
32) Benzoic acid	10.39	122	54	0.035	ng	# 1
33) 4-Chloroaniline	10.88	127	167	0.046	ng	# 20
34) Hexachlorobutadiene	10.96	225	55	0.022	ng	# 20
35) Caprolactam	11.87	113	57	0.051	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	64	0.018	ng	# 22
37) 2-Methylnaphthalene	12.51	142	801	0.130	ng	# 60
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	80	0.020	ng	# 25
40) Hexachlorocyclopentadiene	13.00	237	69	0.034	ng	# 22
42) 2,4,6-Trichlorophenol	12.85	196	59	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	12.85	196	59	0.023	ng	# 19
45) 1,1'-Biphenyl	13.49	154	1153	0.143	ng	80

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.77	162	69	0.011	ng	#	39
47) 2-Nitroaniline	13.54	65	53	0.024	ng	#	9
48) Acenaphthylene	14.37	152	165	0.016	ng	#	59
51) Acenaphthene	14.72	154	902	0.138	ng	#	72
52) 3-Nitroaniline	14.28	138	87	0.046	ng	#	1
54) Dibenzofuran	15.08	168	609	0.059	ng	#	46
55) 4-Nitrophenol	15.09	139	56	0.042	ng	#	1
57) Fluorene	15.72	166	774	0.089	ng	#	46
58) 2,3,4,6-Tetrachlorophenol	14.81	232	56	0.023	ng	#	40
59) Diethylphthalate	15.46	149	81	0.009	ng	#	58
60) 4-Chlorophenyl-phenylether	15.43	204	62	0.012	ng	#	30
61) 4-Nitroaniline	15.32	138	57	0.029	ng	#	12
62) Azobenzene	16.05	77	55	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.72	198	63	0.039	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	8819	1.077	ng	#	46
68) Atrazine	16.63	200	56	0.017	ng	#	35
69) Pentachlorophenol	16.68	266	73	0.035	ng	#	19
70) Phenanthrene	17.44	178	3019	0.210	ng	#	83
71) Anthracene	17.44	178	3019	0.211	ng	#	83
72) Carbazole	17.88	167	218	0.016	ng	#	59
73) Di-n-butylphthalate	18.38	149	1627	0.101	ng	#	59
74) Fluoranthene	19.48	202	1283	0.066	ng		64
77) Pyrene	19.82	202	1282	0.059	ng	#	57
79) Butylbenzylphthalate	20.67	149	232	0.030	ng	#	20
80) Benzo(a)anthracene	21.65	228	1595	0.074	ng	#	50
81) 3,3'-Dichlorobenzidine	21.48	252	63	0.008	ng	#	26
82) Chrysene	21.71	228	944	0.047	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.54	149	1748	0.165	ng	#	50
84) Di-n-octyl phthalate	22.75	149	1198	0.067	ng	#	74
85) Indeno(1,2,3-cd)pyrene	28.60	276	56	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.86	252	1104	0.057	ng	#	70
88) Benzo(k)fluoranthene	23.91	252	530	0.028	ng	#	60
89) Benzo(a)pyrene	24.70	252	293	0.016	ng	#	65
90) Dibenzo(a,h)anthracene	28.75	278	64	0.004	ng	#	58
91) Benzo(g,h,i)perylene	29.69	276	73	0.004	ng	#	56

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

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