Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035868.D
Acq On : 25 Jul 2018 11:18
Operator : JU/SJ
Sample : PB111180BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111180BL

Quant Time: Jul 25 12:03:06 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 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41753	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	153779	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108922	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	318343	20.00	ng	0.00
75) Chrysene-d12	21.65	240	335677	20.00	ng	0.00
86) Perylene-d12	24.85	264	318472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	323168	128.50	ng	0.00
7) Phenol-d6	7.20	99	449095	119.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	289949	78.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208383	145.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	701923	86.34	ng	0.00
78) Terphenyl-d14	20.00	244	1354605	88.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	178	0.139	ng	# 1
3) Pyridine	3.67	79	61	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	194	0.135	ng	# 1
6) Aniline	7.46	93	55	0.011	ng	# 41
8) 2-Chlorophenol	7.55	128	172	0.067	ng	# 1
9) Benzaldehyde	7.20	77	949	0.412	ng	# 5
10) Phenol	7.27	94	57	0.015	ng	# 37
11) bis(2-Chloroethyl)ether	7.46	93	55	0.019	ng	# 16
14) 1,2-Dichlorobenzene	8.80	146	67	0.022	ng	# 25
15) Benzyl Alcohol	8.34	79	5384	1.580	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.32	45	103	0.041	ng	75
18) Hexachloroethane	9.28	117	54	0.045	ng	# 1
20) 3+4-Methylphenols	9.23	107	91	0.025	ng	# 24
22) Acetophenone	8.98	105	56	0.012	ng	# 14
24) Nitrobenzene	9.19	77	779	0.210	ng	# 42
25) Isophorone	9.63	82	229	0.034	ng	# 69
27) 2,4-Dimethylphenol	10.44	122	57	0.026	ng	# 1
28) bis(2-Chloroethoxy)methane	10.11	93	55	0.015	ng	# 51
30) 1,2,4-Trichlorobenzene	10.57	180	54	0.017	ng	# 12
31) Naphthalene	10.60	128	78	0.010	ng	# 68
32) Benzoic acid	10.44	122	57	0.038	ng	# 1
34) Hexachlorobutadiene	10.86	225	70	0.029	ng	# 20
35) Caprolactam	11.48	113	68	0.062	ng	# 1
36) 4-Chloro-3-methylphenol	12.10	107	66	0.019	ng	# 22
40) Hexachlorocyclopentadiene	13.10	237	70	0.032	ng	# 22
45) 1,1'-Biphenyl	13.50	154	829	0.098	ng	88
46) 2-Chloronaphthalene	13.46	162	82	0.012	ng	# 39
47) 2-Nitroaniline	13.27	65	810	0.349	ng	# 1
48) Acenaphthylene	14.38	152	62	0.006	ng	# 59
51) Acenaphthene	14.66	154	520	0.076	ng	# 27
54) Dibenzofuran	15.13	168	84	0.008	ng	# 46
55) 4-Nitrophenol	14.62	139	57	0.040	ng	# 1
57) Fluorene	16.14	166	6859	0.751	ng	# 82
59) Diethylphthalate	15.43	149	80	0.008	ng	# 58

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) Azobenzene	15.99	77	68	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.15	198	810	0.457	ng	#	85
65) n-Nitrosodiphenylamine	16.14	169	8255	0.911	ng	#	49
67) Hexachlorobenzene	16.40	284	59	0.016	ng	#	41
70) Phenanthrene	17.44	178	205	0.013	ng	#	60
71) Anthracene	17.55	178	59	0.004	ng	#	1
72) Carbazole	17.40	167	102	0.007	ng	#	1
73) Di-n-butylphthalate	18.30	149	55	0.003	ng	#	78
74) Fluoranthene	19.83	202	354	0.017	ng		65
77) Pyrene	19.83	202	354	0.017	ng	#	57
79) Butylbenzylphthalate	20.70	149	249	0.033	ng	#	20
80) Benzo(a)anthracene	21.67	228	1260	0.060	ng	#	63
81) 3,3'-Dichlorobenzidine	21.58	252	115	0.016	ng	#	26
82) Chrysene	21.70	228	117	0.006	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.54	149	838	0.081	ng	#	50
84) Di-n-octyl phthalate	22.75	149	67	0.004	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.22	276	55	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.84	252	60	0.003	ng	#	59
88) Benzo(k)fluoranthene	23.90	252	58	0.003	ng	#	60
89) Benzo(a)pyrene	24.73	252	67	0.004	ng	#	1
90) Dibenzo(a,h)anthracene	28.47	278	58	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.90	276	87	0.005	ng	#	56

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

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