Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036103.D
Acq On : 3 Aug 2018 20:51
Operator : JU/SJ
Sample : J4323-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:44 AM

Quant Time: Aug 04 03:13:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28133	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	106347	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	84649	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	232523	20.00	ng	0.00
75) Chrysene-d12	21.65	240	247337	20.00	ng	0.00
86) Perylene-d12	24.85	264	238462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	241179	142.33	ng	0.00
7) Phenol-d6	7.20	99	363266	143.69	ng	0.00
23) Nitrobenzene-d5	9.18	82	240385	94.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188618	169.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	576347	91.22	ng	0.00
78) Terphenyl-d14	20.00	244	1076978	95.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	28078	32.556	ng	# 77
3) Pyridine	3.91	79	53092	23.580	ng	# 73
4) n-Nitrosodimethylamine	3.83	42	34755	35.950	ng	# 64
6) Aniline	7.35	93	108189	33.015	ng	95
8) 2-Chlorophenol	7.59	128	83113	48.226	ng	98
9) Benzaldehyde	7.17	77	48919	31.535	ng	96
10) Phenol	7.22	94	128205	50.193	ng	92
11) bis(2-Chloroethyl)ether	7.44	93	80219	40.103	ng	90
12) 1,3-Dichlorobenzene	7.91	146	91765	44.093	ng	96
13) 1,4-Dichlorobenzene	8.05	146	91749	43.389	ng	98
14) 1,2-Dichlorobenzene	8.38	146	89046	43.835	ng	96
15) Benzyl Alcohol	8.26	79	98966	43.106	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	91118	54.333	ng	78
17) 2-Methylphenol	8.47	107	84139	48.450	ng	# 93
18) Hexachloroethane	9.10	117	35076	43.383	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	79526	37.354	ng	# 86
20) 3+4-Methylphenols	8.79	107	117366	48.716	ng	89
22) Acetophenone	8.85	105	152741	46.186	ng	# 91
24) Nitrobenzene	9.22	77	122945	48.021	ng	92
25) Isophorone	9.75	82	236351	50.014	ng	99
26) 2-Nitrophenol	9.93	139	51787	56.955	ng	# 89
27) 2,4-Dimethylphenol	9.99	122	91112	59.197	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	119202	45.777	ng	95
29) 2,4-Dichlorophenol	10.48	162	99768	56.785	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	106750	49.550	ng	97
31) Naphthalene	10.87	128	263585	47.581	ng	99
32) Benzoic acid	10.19	122	11127m	10.739	ng	
33) 4-Chloroaniline	10.99	127	76265	31.587	ng	# 94
34) Hexachlorobutadiene	11.16	225	80716	48.046	ng	94
35) Caprolactam	11.77	113	36683m	48.653	ng	
36) 4-Chloro-3-methylphenol	12.11	107	134107	56.945	ng	93
37) 2-Methylnaphthalene	12.48	142	213510m	51.733	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	150070	46.971	ng	99
40) Hexachlorocyclopentadiene	12.82	237	167866	100.185	ng	90

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036103.D
Acq On : 3 Aug 2018 20:51
Operator : JU/SJ
Sample : J4323-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:44 AM

Quant Time: Aug 04 03:13:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	98374	52.651	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	106698	51.047	ng		98
45) 1,1'-Biphenyl	13.48	154	302899	46.154	ng		97
46) 2-Chloronaphthalene	13.52	162	244459	47.888	ng		99
47) 2-Nitroaniline	13.73	65	87911	48.712	ng		94
48) Acenaphthylene	14.37	152	413184	48.319	ng		99
49) Dimethylphthalate	14.10	163	401288	54.107	ng		99
50) 2,6-Dinitrotoluene	14.22	165	80567	53.346	ng		93
51) Acenaphthene	14.71	154	240103	45.074	ng		98
52) 3-Nitroaniline	14.56	138	59958	38.843	ng	#	88
53) 2,4-Dinitrophenol	14.76	184	56195	72.985	ng	#	70
54) Dibenzofuran	15.05	168	411105	48.527	ng		94
55) 4-Nitrophenol	14.87	139	101192	92.051	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	117540	54.248	ng		86
57) Fluorene	15.69	166	347194	48.898	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.27	232	109626	54.702	ng		93
59) Diethylphthalate	15.46	149	358870	47.058	ng		100
60) 4-Chlorophenyl-phenylether	15.68	204	198368	47.533	ng		95
61) 4-Nitroaniline	15.73	138	78626	48.694	ng		86
62) Azobenzene	15.98	77	355202	47.220	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	67014	51.773	ng		84
65) n-Nitrosodiphenylamine	15.90	169	312353	47.194	ng		94
66) 4-Bromophenyl-phenylether	16.58	248	137305	50.898	ng		95
67) Hexachlorobenzene	16.70	284	140795	50.681	ng		94
68) Atrazine	16.85	200	142105	52.148	ng		96
69) Pentachlorophenol	17.05	266	127225	75.187	ng		97
70) Phenanthrene	17.44	178	563631	48.578	ng		99
71) Anthracene	17.52	178	574911	49.763	ng		98
72) Carbazole	17.79	167	515793	47.012	ng	#	97
73) Di-n-butylphthalate	18.35	149	593980	45.813	ng	#	98
74) Fluoranthene	19.44	202	724356	46.349	ng		97
76) Benzidine	19.63	184	77177	11.869	ng		98
77) Pyrene	19.80	202	731461	46.770	ng		98
79) Butylbenzylphthalate	20.68	149	273427	48.890	ng		99
80) Benzo(a)anthracene	21.64	228	731446	47.455	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	201849	37.558	ng		98
82) Chrysene	21.70	228	674862	47.249	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	378240	49.747	ng		99
84) Di-n-octyl phthalate	22.73	149	631512	49.605	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	770296	48.711	ng	#	89
87) Benzo(b)fluoranthene	23.84	252	694195	47.897	ng	#	94
88) Benzo(k)fluoranthene	23.90	252	669607	47.257	ng	#	97
89) Benzo(a)pyrene	24.70	252	675410	50.091	ng	#	96
90) Dibenzo(a,h)anthracene	28.54	278	642420	48.530	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	646362	49.898	ng	#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036103.D
Acq On : 3 Aug 2018 20:51
Operator : JU/SJ
Sample : J4323-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 03:13:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ES-RO-276MSD

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:44 AM