Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026668.D
Acq On : 19 Apr 2017 22:50
Operator : SJ/MA
Sample : I2718-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B48-B49-001MSD

Quant Time: Apr 20 01:05:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	180637	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	824370	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	535549	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1257216	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1289437	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1297273	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1467420	147.68	ng		0.00
7) Phenol-d6	7.23	99	1960131	150.54	ng		0.03
23) Nitrobenzene-d5	9.19	82	1086502	91.96	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	995087	133.35	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2966272	82.49	ng		-0.02
78) Terphenyl-d14	19.97	244	3883866	88.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	135736	26.12	ng	#	75
3) Pyridine	3.90	79	432817	37.21	ng	#	61
4) n-Nitrosodimethylamine	3.80	42	137699	40.70	ng	#	1
6) Aniline	7.36	93	632370	38.89	ng	#	87
8) 2-Chlorophenol	7.61	128	590562	49.81	ng	#	78
9) Benzaldehyde	7.17	77	90570	10.27	ng	#	68
10) Phenol	7.26	94	700516	49.45	ng	#	70
11) bis(2-Chloroethyl)ether	7.44	93	530471	47.04	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	559840	40.06	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	570257	40.17	ng	#	94
14) 1,2-Dichlorobenzene	8.38	146	557889	41.60	ng	#	90
15) Benzyl Alcohol	8.28	79	465005	57.11	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	482057	44.18	ng		77
17) 2-Methylphenol	8.50	107	524621	52.85	ng	#	81
18) Hexachloroethane	9.11	117	179356	40.05	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	385212	47.72	ng	#	72
20) 3+4-Methylphenols	8.83	107	731632	53.64	ng		87
22) Acetophenone	8.85	105	815381	43.28	ng	#	74
24) Nitrobenzene	9.23	77	562385	44.95	ng	#	72
25) Isophorone	9.75	82	1123938	46.40	ng	#	89
26) 2-Nitrophenol	9.95	139	353158	46.59	ng	#	61
27) 2,4-Dimethylphenol	10.02	122	622583	50.89	ng	#	83
28) bis(2-Chloroethoxy)methane	10.23	93	727890	45.98	ng	#	98
29) 2,4-Dichlorophenol	10.51	162	677387	52.95	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	608235	42.65	ng		100
31) Naphthalene	10.88	128	1753832	43.35	ng		100
32) Benzoic acid	10.19	122	437583	50.44	ng	#	70
33) 4-Chloroaniline	11.00	127	469622	27.06	ng	#	80
34) Hexachlorobutadiene	11.17	225	336559	41.27	ng		97
35) Caprolactam	11.77	113	221478	44.58	ng	#	51
36) 4-Chloro-3-methylphenol	12.14	107	684956	53.15	ng	#	73
37) 2-Methylnaphthalene	12.48	142	1412175	45.35	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	682650	41.38	ng		98
40) Hexachlorocyclopentadiene	12.83	237	679449	81.51	ng		95

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026668.D
Acq On : 19 Apr 2017 22:50
Operator : SJ/MA
Sample : I2718-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B48-B49-001MSD

Quant Time: Apr 20 01:05:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	569783	48.51	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	603427	48.58	ng	#	90
45) 1,1'-Biphenyl	13.48	154	1840190	42.28	ng		99
46) 2-Chloronaphthalene	13.53	162	1430267	43.37	ng		96
47) 2-Nitroaniline	13.73	65	420921	49.97	ng	#	55
48) Acenaphthylene	14.37	152	2341336	44.15	ng		97
49) Dimethylphthalate	14.10	163	1910014	45.05	ng		99
50) 2,6-Dinitrotoluene	14.22	165	477076	48.12	ng	#	55
51) Acenaphthene	14.71	154	1484821	43.99	ng		99
52) 3-Nitroaniline	14.56	138	427828	39.57	ng	#	62
53) 2,4-Dinitrophenol	14.76	184	400494	69.34	ng	#	75
54) Dibenzofuran	15.04	168	2288502	43.50	ng		91
55) 4-Nitrophenol	14.91	139	697911	76.46	ng	#	40
56) 2,4-Dinitrotoluene	15.00	165	663350	47.12	ng	#	68
57) Fluorene	15.68	166	1920469	44.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	555085	43.94	ng	#	97
59) Diethylphthalate	15.45	149	1914042	44.41	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	975433	45.12	ng		90
61) 4-Nitroaniline	15.72	138	506512	43.92	ng	#	51
62) Azobenzene	15.96	77	1524606	45.84	ng		76
64) 4,6-Dinitro-2-methylphenol	15.76	198	352947	41.57	ng		85
65) n-Nitrosodiphenylamine	15.89	169	1755961	48.42	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	672430	48.95	ng		92
67) Hexachlorobenzene	16.69	284	710144	47.02	ng		90
68) Atrazine	16.83	200	615272	43.39	ng		98
69) Pentachlorophenol	17.04	266	788008	86.37	ng		98
70) Phenanthrene	17.42	178	2887071	44.60	ng		98
71) Anthracene	17.51	178	2986540	44.65	ng		95
72) Carbazole	17.78	167	2677040	41.79	ng		97
73) Di-n-butylphthalate	18.32	149	3071398	42.76	ng	#	95
74) Fluoranthene	19.42	202	3152977	42.01	ng		95
76) Benzidine	19.60	184	3295792	90.69	ng		95
77) Pyrene	19.78	202	3144305	45.29	ng		95
79) Butylbenzylphthalate	20.65	149	1432854	47.97	ng	#	84
80) Benzo(a)anthracene	21.60	228	3177670	45.63	ng		97
81) 3,3'-Dichlorobenzidine	21.52	252	1104253	38.23	ng		99
82) Chrysene	21.67	228	2934951	45.80	ng		97
83) Bis(2-ethylhexyl)phthalate	21.50	149	2028838	47.13	ng		95
84) Di-n-octyl phthalate	22.68	149	3398985	47.29	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.41	276	4162641	47.38	ng	#	95
87) Benzo(b)fluoranthene	23.78	252	3452407	46.48	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3274434	45.74	ng	#	96
89) Benzo(a)pyrene	24.65	252	3331737	46.46	ng	#	96
90) Dibenzo(a,h)anthracene	28.46	278	3521584	47.81	ng	#	92
91) Benzo(g,h,i)perylene	29.55	276	3483620	47.30	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026668.D
Acq On : 19 Apr 2017 22:50
Operator : SJ/MA
Sample : I2718-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MSD

Quant Time: Apr 20 01:05:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration