Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026682.D
Acq On : 20 Apr 2017 19:29
Operator : SJ/MA
Sample : I2774-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WETLANDSAND-PPCMS

Quant Time: Apr 21 04:50:12 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	192304	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	869594	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	541371	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1260733	20.00	ng		-0.01
75) Chrysene-d12	21.62	240	1300222	20.00	ng		-0.01
86) Perylene-d12	24.79	264	1296890	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1512639	142.99	ng		0.00
7) Phenol-d6	7.22	99	2052273	148.05	ng		0.01
23) Nitrobenzene-d5	9.19	82	1101060	88.35	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	947921	125.66	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	3015263	82.95	ng		-0.01
78) Terphenyl-d14	19.97	244	3681350	83.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	127761	23.10	ng	#	71
3) Pyridine	3.89	79	26496	2.14	ng	#	54
4) n-Nitrosodimethylamine	3.80	42	135348	37.57	ng	#	1
6) Aniline	7.36	93	171025	9.88	ng	#	86
8) 2-Chlorophenol	7.60	128	576316	45.66	ng	#	80
9) Benzaldehyde	7.16	77	98429	10.48	ng	#	65
10) Phenol	7.25	94	776659	51.50	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	509701	42.46	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	586261	39.41	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	594560	39.34	ng	#	93
14) 1,2-Dichlorobenzene	8.39	146	574500	40.24	ng	#	91
15) Benzyl Alcohol	8.27	79	417941	48.21	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	479874	41.31	ng		78
17) 2-Methylphenol	8.49	107	512644	48.51	ng	#	80
18) Hexachloroethane	9.11	117	189625	39.77	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	378821	44.08	ng	#	71
20) 3+4-Methylphenols	8.82	107	707402	48.71	ng		86
22) Acetophenone	8.85	105	800124	40.26	ng	#	74
24) Nitrobenzene	9.23	77	551299	41.77	ng	#	71
25) Isophorone	9.75	82	1074227	42.05	ng	#	88
26) 2-Nitrophenol	9.94	139	353024	44.15	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	588187	45.58	ng		86
28) bis(2-Chloroethoxy)methane	10.23	93	708461	42.42	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	633072	46.91	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	607207	40.36	ng		100
31) Naphthalene	10.88	128	1747263	40.94	ng		99
32) Benzoic acid	10.16	122	279432m	34.09	ng		
33) 4-Chloroaniline	10.99	127	341936	18.68	ng	#	79
34) Hexachlorobutadiene	11.16	225	349471	40.63	ng		96
35) Caprolactam	11.76	113	170712m	32.57	ng		
36) 4-Chloro-3-methylphenol	12.13	107	628733	46.25	ng	#	75
37) 2-Methylnaphthalene	12.47	142	1404796	42.77	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	679408	40.74	ng		97
40) Hexachlorocyclopentadiene	12.83	237	748979	88.89	ng		95

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026682.D
Acq On : 20 Apr 2017 19:29
Operator : SJ/MA
Sample : I2774-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WETLANDSAND-PPCMS

Quant Time: Apr 21 04:50:12 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	13.09	196	517139	43.55	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	563863	44.90	ng	#	90
45) 1,1'-Biphenyl	13.48	154	1796281	40.83	ng		99
46) 2-Chloronaphthalene	13.52	162	1373221	41.19	ng		97
47) 2-Nitroaniline	13.73	65	375416	44.09	ng	#	51
48) Acenaphthylene	14.37	152	2240796	41.80	ng		99
49) Dimethylphthalate	14.10	163	2484185	57.96	ng		99
50) 2,6-Dinitrotoluene	14.21	165	431347	43.04	ng	#	58
51) Acenaphthene	14.70	154	1418172	41.56	ng		99
52) 3-Nitroaniline	14.55	138	388351	35.53	ng	#	67
53) 2,4-Dinitrophenol	14.75	184	441812	74.87	ng	#	75
54) Dibenzofuran	15.04	168	2170750	40.82	ng		90
55) 4-Nitrophenol	14.89	139	668191	72.41	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	616970	43.35	ng	#	67
57) Fluorene	15.68	166	1799995	41.11	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	513641	40.22	ng	#	96
59) Diethylphthalate	15.45	149	1754337	40.26	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	914844	41.86	ng		90
61) 4-Nitroaniline	15.71	138	459075	39.38	ng	#	50
62) Azobenzene	15.96	77	1404851	41.79	ng		79
64) 4,6-Dinitro-2-methylphenol	15.76	198	381929	44.86	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1547551	42.55	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	613314	44.52	ng		94
67) Hexachlorobenzene	16.69	284	660206	43.59	ng		89
68) Atrazine	16.83	200	525165	36.93	ng		97
69) Pentachlorophenol	17.03	266	748141	81.77	ng		96
70) Phenanthrene	17.42	178	2699268	41.58	ng		99
71) Anthracene	17.51	178	2781505	41.47	ng		96
72) Carbazole	17.78	167	2495989	38.86	ng		97
73) Di-n-butylphthalate	18.32	149	2841570	39.45	ng	#	96
74) Fluoranthene	19.42	202	2922982	38.84	ng		97
77) Pyrene	19.78	202	2943164	42.05	ng		96
79) Butylbenzylphthalate	20.65	149	1292138	42.90	ng	#	84
80) Benzo(a)anthracene	21.60	228	2910560	41.44	ng		97
81) 3,3'-Dichlorobenzidine	21.51	252	689610	23.68	ng	#	98
82) Chrysene	21.66	228	2677584	41.44	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1862266	42.90	ng		94
84) Di-n-octyl phthalate	22.68	149	3102522	42.81	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3787702	42.75	ng	#	87
87) Benzo(b)fluoranthene	23.78	252	3169755	42.69	ng	#	96
88) Benzo(k)fluoranthene	23.85	252	3003879	41.97	ng	#	96
89) Benzo(a)pyrene	24.64	252	3058837	42.67	ng	#	97
90) Dibenzo(a,h)anthracene	28.47	278	3198985	43.45	ng	#	93
91) Benzo(g,h,i)perylene	29.54	276	3160288	42.92	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026682.D
Acq On : 20 Apr 2017 19:29
Operator : SJ/MA
Sample : I2774-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

Quant Time: Apr 21 04:50:12 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