Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010014.D
Acq On : 12 May 2017 08:53
Operator : SJ/MA
Sample : I3069-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAC-2MS

Quant Time: May 12 10:41:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	62255	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	252414	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	143738	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	306360	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	291273	20.00	ng		-0.02
86) Perylene-d12	23.65	264	259177	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	558585	140.41	ng		-0.01
7) Phenol-d6	6.95	99	777820	122.02	ng		-0.02
23) Nitrobenzene-d5	8.93	82	648398	93.88	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	271475	138.00	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1103831	102.70	ng		-0.02
78) Terphenyl-d14	19.79	244	1357769	98.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	58099	39.42	ng	#	100
3) Pyridine	3.70	79	198432	36.53	ng		94
4) n-Nitrosodimethylamine	3.61	42	124915	41.98	ng	#	68
6) Aniline	7.10	93	212592	25.69	ng	#	87
8) 2-Chlorophenol	7.33	128	196786	45.57	ng	#	73
9) Benzaldehyde	6.93	77	23593	4.94	ng	#	81
10) Phenol	6.97	94	285783	41.26	ng		89
11) bis(2-Chloroethyl)ether	7.20	93	230252	42.75	ng		84
12) 1,3-Dichlorobenzene	7.65	146	182802	37.92	ng	#	87
13) 1,4-Dichlorobenzene	7.80	146	188063	38.07	ng	#	93
14) 1,2-Dichlorobenzene	8.11	146	190816	39.84	ng	#	92
15) Benzyl Alcohol	8.02	79	281823	51.88	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.29	45	350708	41.03	ng		99
17) 2-Methylphenol	8.22	107	189600	41.93	ng	#	84
18) Hexachloroethane	8.82	117	83135	40.59	ng		90
19) n-Nitroso-di-n-propylamine	8.57	70	239942	41.49	ng	#	92
20) 3+4-Methylphenols	8.55	107	250687	40.73	ng		91
22) Acetophenone	8.60	105	353495	45.81	ng	#	93
24) Nitrobenzene	8.98	77	348750	47.45	ng	#	88
25) Isophorone	9.50	82	565148	47.55	ng	#	88
26) 2-Nitrophenol	9.68	139	104158	47.06	ng	#	43
27) 2,4-Dimethylphenol	9.75	122	189884	45.83	ng		88
28) bis(2-Chloroethoxy)methane	9.97	93	322175	44.99	ng		98
29) 2,4-Dichlorophenol	10.22	162	194790	48.32	ng		92
30) 1,2,4-Trichlorobenzene	10.42	180	209794	44.57	ng		97
31) Naphthalene	10.60	128	597788	43.02	ng		100
32) Benzoic acid	9.92	122	98827	35.66	ng	#	83
33) 4-Chloroaniline	10.74	127	96351	16.31	ng	#	80
34) Hexachlorobutadiene	10.86	225	136659	42.67	ng		96
35) Caprolactam	11.56	113	46305	29.40	ng	#	56
36) 4-Chloro-3-methylphenol	11.87	107	226874	42.12	ng	#	78
37) 2-Methylnaphthalene	12.22	142	449867	45.23	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	259835	49.67	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	148771	97.43	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010014.D
Acq On : 12 May 2017 08:53
Operator : SJ/MA
Sample : I3069-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAC-2MS

Quant Time: May 12 10:41:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	169058	52.49	ng		99
43) 2,4,5-Trichlorophenol	12.93	196	164445	47.00	ng	#	88
45) 1,1'-Biphenyl	13.24	154	604645	50.55	ng		94
46) 2-Chloronaphthalene	13.29	162	464319	49.40	ng		97
47) 2-Nitroaniline	13.52	65	119229	28.02	ng	#	62
48) Acenaphthylene	14.14	152	716619	48.41	ng		99
49) Dimethylphthalate	13.88	163	559144	44.13	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	119668	46.61	ng	#	67
51) Acenaphthene	14.48	154	446093	47.82	ng		96
52) 3-Nitroaniline	14.35	138	82968	30.43	ng	#	46
53) 2,4-Dinitrophenol	14.57	184	111419	73.73	ng		95
54) Dibenzofuran	14.82	168	727870	50.93	ng		98
55) 4-Nitrophenol	14.67	139	131945	72.26	ng	#	12
56) 2,4-Dinitrotoluene	14.81	165	164072	43.20	ng	#	64
57) Fluorene	15.47	166	581484	46.15	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.05	232	146022	48.31	ng	#	100
59) Diethylphthalate	15.24	149	553617	41.62	ng		98
60) 4-Chlorophenyl-phenylether	15.46	204	325960	47.38	ng		94
61) 4-Nitroaniline	15.52	138	53712	19.34	ng	#	12
62) Azobenzene	15.75	77	825890	51.17	ng		83
64) 4,6-Dinitro-2-methylphenol	15.58	198	84516	42.80	ng		90
65) n-Nitrosodiphenylamine	15.68	169	493352	51.89	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	191972	52.76	ng		95
67) Hexachlorobenzene	16.47	284	201912	50.00	ng	#	92
68) Atrazine	16.64	200	158355	45.58	ng		95
69) Pentachlorophenol	16.83	266	155052	78.63	ng		97
70) Phenanthrene	17.22	178	837970	47.65	ng		99
71) Anthracene	17.30	178	858630	47.87	ng		98
72) Carbazole	17.59	167	714996	44.65	ng		99
73) Di-n-butylphthalate	18.13	149	872107	42.84	ng	#	97
74) Fluoranthene	19.23	202	899950	39.89	ng		98
76) Benzidine	19.43	184	113436	15.58	ng		97
77) Pyrene	19.60	202	907520	52.35	ng		97
79) Butylbenzylphthalate	20.49	149	342060	47.39	ng	#	67
80) Benzo(a)anthracene	21.34	228	828915	47.36	ng		97
81) 3,3'-Dichlorobenzidine	21.28	252	142628	22.12	ng		98
82) Chrysene	21.40	228	755807	46.05	ng		97
83) Bis(2-ethylhexyl)phthalate	21.24	149	471764	43.77	ng		100
84) Di-n-octyl phthalate	22.13	149	737629	39.89	ng	#	85
85) Indeno(1,2,3-cd)pyrene	25.99	276	935710	67.64	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	777763	44.31	ng	#	96
88) Benzo(k)fluoranthene	23.00	252	749006	44.91	ng		98
89) Benzo(a)pyrene	23.55	252	759660	49.09	ng		98
90) Dibenzo(a,h)anthracene	25.99	278	791581	57.97	ng	#	94
91) Benzo(g,h,i)perylene	26.70	276	737506	58.60	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010014.D
Acq On : 12 May 2017 08:53
Operator : SJ/MA
Sample : I3069-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAC-2MS

Quant Time: May 12 10:41:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration